

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002192.D
 Acq On : 02 Apr 2020 15:15
 Operator : SY/MD
 Sample : L2135-05MS
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MS

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:24 AM

Quant Time: Apr 03 04:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	100360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	188248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	171451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	81350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	56927	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.74	113	52992	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.19	98	218058	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.49	95	77557	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31064	47.854	ug/l	98
3) Chloromethane	2.12	50	53444	45.568	ug/l	99
4) Vinyl Chloride	2.26	62	57632	48.316	ug/l	98
5) Bromomethane	2.66	94	40590	52.143	ug/l	98
6) Chloroethane	2.80	64	38849	50.722	ug/l	95
7) Trichlorofluoromethane	3.14	101	78032	47.738	ug/l	96
8) Diethyl Ether	3.54	74	33484	48.364	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	51797	48.298	ug/l	99
10) Methyl Iodide	4.10	142	57799	45.324	ug/l	99
11) Tert butyl alcohol	4.97	59	26861	205.450	ug/l	97
12) 1,1-Dichloroethene	3.89	96	53088	48.750	ug/l	100
13) Acrolein	3.74	56	42681	261.193	ug/l	100
14) Allyl chloride	4.50	41	99202	49.761	ug/l	99
15) Acrylonitrile	5.19	53	91059	250.935	ug/l	99
16) Acetone	3.96	43	72467	232.490	ug/l	100
17) Carbon Disulfide	4.21	76	170470	47.170	ug/l	99
18) Methyl Acetate	4.50	43	42710	52.768	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	154630	50.900	ug/l	99
20) Methylene Chloride	4.74	84	65378	50.737	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	62394	50.321	ug/l	93
22) Diisopropyl ether	6.14	45	210013	51.476	ug/l	97
23) Vinyl Acetate	6.08	43	661311	247.193	ug/l	99
24) 1,1-Dichloroethane	6.04	63	109284	50.380	ug/l	98
25) 2-Butanone	7.00	43	118679	247.963	ug/l	100
26) 2,2-Dichloropropane	7.00	77	88170	49.352	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	69658	51.066	ug/l	99
28) Bromochloromethane	7.35	49	55497	56.040	ug/l	99
29) Tetrahydrofuran	7.36	42	80155	255.435	ug/l	99
30) Chloroform	7.53	83	103125	50.156	ug/l	95
31) Cyclohexane	7.80	56	110817	47.943	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	87557	51.003	ug/l	99
36) 1,1-Dichloropropene	7.93	75	85649	48.102	ug/l	99
37) Ethyl Acetate	7.10	43	51707	48.055	ug/l	99
38) Carbon Tetrachloride	7.92	117	73781	48.840	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002192.D
 Acq On : 02 Apr 2020 15:15
 Operator : SY/MD
 Sample : L2135-05MS
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MS

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:24 AM

Quant Time: Apr 03 04:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	111879	47.902	ug/l	98
40) Benzene	8.18	78	260380	49.368	ug/l	98
41) Methacrylonitrile	7.33	41	21521m	39.541	ug/l	
42) 1,2-Dichloroethane	8.25	62	67965	48.537	ug/l	99
43) Isopropyl Acetate	8.28	43	98443	49.293	ug/l	100
44) Trichloroethene	8.95	130	62706	49.322	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66453	49.483	ug/l	96
46) Dibromomethane	9.32	93	34841	50.518	ug/l	99
47) Bromodichloromethane	9.51	83	79936	49.788	ug/l	96
48) Methyl methacrylate	9.30	41	44161	49.344	ug/l	98
49) 1,4-Dioxane	9.31	88	10012	1057.896	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	260065	252.896	ug/l	99
52) Toluene	10.25	92	158639	49.730	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89750	50.364	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	104979	50.035	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	51025	49.988	ug/l	97
56) Ethyl methacrylate	10.52	69	74871	50.219	ug/l	98
57) 1,3-Dichloropropane	10.80	76	90943	50.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	212854	277.848	ug/l	100
59) 2-Hexanone	10.84	43	186375	257.287	ug/l	99
60) Dibromochloromethane	10.99	129	53972	50.529	ug/l	99
61) 1,2-Dibromoethane	11.10	107	48465	50.727	ug/l	97
64) Tetrachloroethene	10.73	164	54831	52.271	ug/l	97
65) Chlorobenzene	11.52	112	164089	49.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	56085	50.654	ug/l	98
67) Ethyl Benzene	11.60	91	305749	49.742	ug/l	99
68) m/p-Xylenes	11.71	106	228379	100.489	ug/l	97
69) o-Xylene	12.03	106	107414	49.824	ug/l	99
70) Styrene	12.05	104	188369	50.424	ug/l	99
71) Bromoform	12.22	173	30573	50.415	ug/l #	99
73) Isopropylbenzene	12.33	105	290653	48.164	ug/l	100
74) N-amyl acetate	12.15	43	90321	47.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	62281	47.962	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	45457m	49.954	ug/l	
77) Bromobenzene	12.61	156	63004	48.908	ug/l	97
78) n-propylbenzene	12.67	91	358777	47.909	ug/l	99
79) 2-Chlorotoluene	12.76	91	197675	48.075	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	239575	48.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	22088	47.026	ug/l	95
82) 4-Chlorotoluene	12.86	91	205287	47.379	ug/l	99
83) tert-Butylbenzene	13.08	119	202874	48.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	242166	48.750	ug/l	98
85) sec-Butylbenzene	13.26	105	301243	48.939	ug/l	99
86) p-Isopropyltoluene	13.38	119	261015	49.379	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	120645	47.873	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	121345	47.850	ug/l	99
89) n-Butylbenzene	13.70	91	265605	48.225	ug/l	100
90) Hexachloroethane	13.97	117	48429	48.621	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	112645	48.402	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9841	47.311	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
Data File : VY002192.D
Acq On : 02 Apr 2020 15:15
Operator : SY/MD
Sample : L2135-05MS
Misc : 7.18G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MS

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:24 AM

Quant Time: Apr 03 04:10:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	72779	48.518	ug/l	97
94) Hexachlorobutadiene	15.12	225	35094	47.396	ug/l	99
95) Naphthalene	15.25	128	172779	48.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	64121	47.138	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
Data File : VY002192.D
Acq On : 02 Apr 2020 15:15
Operator : SY/MD
Sample : L2135-05MS
Misc : 7.18G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MS

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:24 AM

Quant Time: Apr 03 04:10:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

