

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000608.D
 Acq On : 08 Nov 2019 11:52
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:05:53 AM

Quant Time: Nov 11 05:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	449533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	148743	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.73	113	130439	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.19	98	534061	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.48	95	185728	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49174	18.656	ug/l	99
3) Chloromethane	2.11	50	70739	19.481	ug/l	97
4) Vinyl Chloride	2.26	62	67143	19.912	ug/l	100
5) Bromomethane	2.65	94	44621	22.068	ug/l	98
6) Chloroethane	2.79	64	44060	20.878	ug/l	99
7) Trichlorofluoromethane	3.13	101	94673	20.790	ug/l	90
8) Diethyl Ether	3.54	74	33866	20.930	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	54917	19.948	ug/l	97
10) Methyl Iodide	4.10	142	68723	20.951	ug/l	100
11) Tert butyl alcohol	4.99	59	26883	99.661	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	54386	20.334	ug/l	86
13) Acrolein	3.74	56	18656	79.400	ug/l	90
14) Allyl chloride	4.49	41	95055	21.856	ug/l	99
15) Acrylonitrile	5.18	53	92631	111.756	ug/l	97
16) Acetone	3.97	43	67776	88.743	ug/l	99
17) Carbon Disulfide	4.20	76	167590	19.866	ug/l	97
18) Methyl Acetate	4.49	43	55866	23.526	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	159779	21.485	ug/l	99
20) Methylene Chloride	4.72	84	69269	21.167	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62614	20.707	ug/l	96
22) Diisopropyl ether	6.14	45	204280	21.610	ug/l	94
23) Vinyl Acetate	6.08	43	644653	108.030	ug/l	99
24) 1,1-Dichloroethane	6.03	63	109665	21.414	ug/l	99
25) 2-Butanone	7.01	43	124271	101.956	ug/l	97
26) 2,2-Dichloropropane	7.00	77	98566	21.061	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	73180	22.132	ug/l	98
28) Bromochloromethane	7.35	49	28176	15.169	ug/l	95
29) Tetrahydrofuran	7.36	42	79242	106.272	ug/l	99
30) Chloroform	7.52	83	110480	21.325	ug/l	92
31) Cyclohexane	7.79	56	107854	20.108	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	99536	21.558	ug/l	98
36) 1,1-Dichloropropene	7.93	75	90057	21.192	ug/l	97
37) Ethyl Acetate	7.10	43	52531	20.821	ug/l	97
38) Carbon Tetrachloride	7.91	117	86305	21.106	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000608.D
 Acq On : 08 Nov 2019 11:52
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:05:53 AM

Quant Time: Nov 11 05:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	109327	19.913	ug/l	96
40) Benzene	8.18	78	256936	20.622	ug/l	100
41) Methacrylonitrile	7.33	41	28785m	20.451	ug/l	
42) 1,2-Dichloroethane	8.25	62	74354	21.041	ug/l	99
43) Isopropyl Acetate	8.28	43	100357	21.174	ug/l	99
44) Trichloroethene	8.95	130	66578	20.267	ug/l	98
45) 1,2-Dichloropropane	9.22	63	65770	21.449	ug/l	94
46) Dibromomethane	9.32	93	35214	20.881	ug/l	99
47) Bromodichloromethane	9.50	83	80473	20.111	ug/l	97
48) Methyl methacrylate	9.30	41	44836	21.651	ug/l	97
49) 1,4-Dioxane	9.32	88	8741	385.126	ug/l #	86
51) 4-Methyl-2-Pentanone	10.08	43	270852	107.485	ug/l	98
52) Toluene	10.25	92	161395	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	88847	20.780	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	102482	20.923	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	52348	21.461	ug/l	97
56) Ethyl methacrylate	10.51	69	71920	20.803	ug/l	97
57) 1,3-Dichloropropane	10.79	76	89889	21.056	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.79	63	167966	107.468	ug/l	98
59) 2-Hexanone	10.83	43	193012	105.127	ug/l	100
60) Dibromochloromethane	10.99	129	56171	20.105	ug/l	98
61) 1,2-Dibromoethane	11.09	107	48873	20.839	ug/l	99
64) Tetrachloroethene	10.72	164	67534	20.383	ug/l	98
65) Chlorobenzene	11.52	112	168440	20.734	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	61013	21.655	ug/l	96
67) Ethyl Benzene	11.60	91	313750	20.985	ug/l	98
68) m/p-Xylenes	11.70	106	235040	40.617	ug/l	96
69) o-Xylene	12.03	106	113068	20.790	ug/l	99
70) Styrene	12.05	104	190831	20.491	ug/l	99
71) Bromoform	12.21	173	33047	20.393	ug/l #	98
73) Isopropylbenzene	12.33	105	299067	20.720	ug/l	100
74) N-amyl acetate	12.14	43	86526	20.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	60067	21.018	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	37723m	16.964	ug/l	
77) Bromobenzene	12.61	156	67484	20.618	ug/l	97
78) n-propylbenzene	12.67	91	367954	21.128	ug/l	99
79) 2-Chlorotoluene	12.75	91	202623	20.958	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	254295	21.154	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19836	20.001	ug/l	98
82) 4-Chlorotoluene	12.86	91	212491	21.203	ug/l	98
83) tert-Butylbenzene	13.07	119	210682	20.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	250383	20.919	ug/l	100
85) sec-Butylbenzene	13.25	105	301939	20.648	ug/l	100
86) p-Isopropyltoluene	13.37	119	271363	20.821	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	131207	20.466	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	131805	20.574	ug/l	99
89) n-Butylbenzene	13.69	91	265526	20.656	ug/l	99
90) Hexachloroethane	13.96	117	50209	20.839	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	117155	20.141	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10208	20.182	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
Data File : VY000608.D
Acq On : 08 Nov 2019 11:52
Operator : SY/MD
Sample : VY1108SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBSD01

Manual Integrations
APPROVED

MMDadoda
11/13/2019 11:05:53 AM

Quant Time: Nov 11 05:44:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	76078	19.209	ug/l	98
94) Hexachlorobutadiene	15.11	225	38868	19.038	ug/l	92
95) Naphthalene	15.23	128	181127	20.601	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	70026	19.707	ug/l	96

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

