

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002184.D
 Acq On : 02 Apr 2020 12:18
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:34 AM

Quant Time: Apr 03 03:41:40 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	156360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	82949	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.74	113	77662	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.19	98	318722	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	112049	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29366	25.458	ug/l	94
3) Chloromethane	2.13	50	38980	21.332	ug/l	99
4) Vinyl Chloride	2.27	62	40498	21.792	ug/l	97
5) Bromomethane	2.66	94	26533	21.877	ug/l	96
6) Chloroethane	2.81	64	25175	21.097	ug/l	95
7) Trichlorofluoromethane	3.15	101	54478	21.392	ug/l	93
8) Diethyl Ether	3.55	74	21350	19.793	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35400	21.187	ug/l	97
10) Methyl Iodide	4.11	142	37460	18.854	ug/l	100
11) Tert butyl alcohol	4.98	59	23409	114.922	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	35501	20.924	ug/l	92
13) Acrolein	3.76	56	20200	79.344	ug/l	97
14) Allyl chloride	4.50	41	63503	20.446	ug/l	99
15) Acrylonitrile	5.19	53	56435	99.821	ug/l	99
16) Acetone	3.97	43	47452	97.713	ug/l	97
17) Carbon Disulfide	4.22	76	114708	20.372	ug/l	100
18) Methyl Acetate	4.50	43	25716	20.393	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	93975	19.855	ug/l	99
20) Methylene Chloride	4.74	84	45376	19.437	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	39758	20.581	ug/l	94
22) Diisopropyl ether	6.14	45	128722	20.251	ug/l	98
23) Vinyl Acetate	6.09	43	415157	99.604	ug/l	100
24) 1,1-Dichloroethane	6.05	63	69613	20.598	ug/l	99
25) 2-Butanone	7.01	43	72585	97.341	ug/l	100
26) 2,2-Dichloropropane	7.00	77	58689	21.085	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	43492	20.465	ug/l	98
28) Bromochloromethane	7.36	49	31315	20.296	ug/l	98
29) Tetrahydrofuran	7.37	42	47391	96.935	ug/l	99
30) Chloroform	7.53	83	64271	20.063	ug/l	96
31) Cyclohexane	7.80	56	72205	20.050	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	54882	20.520	ug/l	99
36) 1,1-Dichloropropene	7.94	75	55051	20.487	ug/l	100
37) Ethyl Acetate	7.10	43	32113	19.776	ug/l	99
38) Carbon Tetrachloride	7.92	117	47223	20.713	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002184.D
 Acq On : 02 Apr 2020 12:18
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:34 AM

Quant Time: Apr 03 03:41:40 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	9.20	83	70837	20.097	ug/l	97
40) Benzene	8.17	78	162532	20.419	ug/l	99
41) Methacrylonitrile	7.33	41	14987	18.246	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	42192	19.966	ug/l	99
43) Isopropyl Acetate	8.29	43	58839	19.522	ug/l	99
44) Trichloroethene	8.96	130	39296	20.480	ug/l	96
45) 1,2-Dichloropropane	9.23	63	40707	20.085	ug/l	99
46) Dibromomethane	9.32	93	20825	20.008	ug/l	99
47) Bromodichloromethane	9.51	83	49905	20.596	ug/l	96
48) Methyl methacrylate	9.30	41	26816	19.854	ug/l	96
49) 1,4-Dioxane	9.31	88	5892	412.522	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	158557	102.166	ug/l	100
52) Toluene	10.25	92	98381	20.435	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	53023	19.716	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	62218	19.649	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	30130	19.559	ug/l	93
56) Ethyl methacrylate	10.52	69	43451	19.312	ug/l	99
57) 1,3-Dichloropropane	10.80	76	53917	19.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	115352	99.773	ug/l	100
59) 2-Hexanone	10.85	43	105256	96.281	ug/l	100
60) Dibromochloromethane	11.00	129	32626	20.240	ug/l	97
61) 1,2-Dibromoethane	11.10	107	28337	19.653	ug/l	97
64) Tetrachloroethene	10.73	164	33674	21.612	ug/l	97
65) Chlorobenzene	11.53	112	99713	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	33607	20.435	ug/l	98
67) Ethyl Benzene	11.60	91	186027	20.375	ug/l	100
68) m/p-Xylenes	11.71	106	140243	41.545	ug/l	99
69) o-Xylene	12.04	106	64988	20.295	ug/l	100
70) Styrene	12.05	104	110906	19.987	ug/l	99
71) Bromoform	12.22	173	17826	19.790	ug/l #	99
73) Isopropylbenzene	12.34	105	177519	20.563	ug/l	99
74) N-amyl acetate	12.16	43	53495	19.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	36653	19.730	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	25869m	19.872	ug/l	
77) Bromobenzene	12.62	156	36919	20.033	ug/l	97
78) n-propylbenzene	12.68	91	220306	20.564	ug/l	99
79) 2-Chlorotoluene	12.77	91	119355	20.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	144830	20.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13274	19.755	ug/l	99
82) 4-Chlorotoluene	12.86	91	125545	20.254	ug/l	99
83) tert-Butylbenzene	13.08	119	123748	20.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	146541	20.621	ug/l	99
85) sec-Butylbenzene	13.27	105	181629	20.626	ug/l	100
86) p-Isopropyltoluene	13.38	119	157383	20.812	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	73547	20.400	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	74879	20.640	ug/l	99
89) n-Butylbenzene	13.71	91	162816	20.665	ug/l	99
90) Hexachloroethane	13.97	117	28756	20.181	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	67853	20.380	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	5389	18.110	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
Data File : VY002184.D
Acq On : 02 Apr 2020 12:18
Operator : SY/MD
Sample : VY0402SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:34 AM

Quant Time: Apr 03 03:41:40 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)
93) 1,2,4-Trichlorobenzene	15.02	180	43271	20.164	ug/l	98
94) Hexachlorobutadiene	15.12	225	20913	19.743	ug/l	99
95) Naphthalene	15.25	128	99042	19.432	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	38373	19.719	ug/l	98

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

