

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002250.D
 Acq On : 08 Apr 2020 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY040820

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:04 AM

Quant Time: Apr 09 02:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	306383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123890	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	93643	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	91660	50.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.18	98	374982	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.49	95	126513	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	85187	49.828	ug/l	97
3) Chloromethane	2.12	50	103996	48.333	ug/l	99
4) Vinyl Chloride	2.26	62	111428	48.654	ug/l	98
5) Bromomethane	2.65	94	68677	48.560	ug/l	98
6) Chloroethane	2.80	64	65338	49.469	ug/l	99
7) Trichlorofluoromethane	3.13	101	147795	49.970	ug/l	97
8) Diethyl Ether	3.53	74	63294	50.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	99745	49.647	ug/l	98
10) Methyl Iodide	4.10	142	120718	51.692	ug/l	99
11) Tert butyl alcohol	4.97	59	54517	275.459	ug/l	98
12) 1,1-Dichloroethene	3.88	96	100548	49.226	ug/l	97
13) Acrolein	3.73	56	60543	249.606	ug/l	99
14) Allyl chloride	4.49	41	167941	50.916	ug/l	99
15) Acrylonitrile	5.18	53	161858	251.727	ug/l	99
16) Acetone	3.95	43	147388	297.471	ug/l	100
17) Carbon Disulfide	4.20	76	337479	49.750	ug/l	99
18) Methyl Acetate	4.48	43	78168	50.863	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	271227	50.509	ug/l	99
20) Methylene Chloride	4.72	84	110928	45.550	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	111491	48.629	ug/l	99
22) Diisopropyl ether	6.13	45	330400	49.775	ug/l	99
23) Vinyl Acetate	6.07	43	1087778	257.156	ug/l	99
24) 1,1-Dichloroethane	6.03	63	187543	49.673	ug/l	97
25) 2-Butanone	7.00	43	210952	269.035	ug/l	100
26) 2,2-Dichloropropane	6.99	77	155624	49.275	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	120427	48.186	ug/l	100
28) Bromochloromethane	7.35	49	81668	50.109	ug/l	98
29) Tetrahydrofuran	7.36	42	133914	258.365	ug/l	98
30) Chloroform	7.52	83	176472	49.585	ug/l	97
31) Cyclohexane	7.79	56	190132	47.975	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	149862	50.590	ug/l	99
36) 1,1-Dichloropropene	7.93	75	149979	49.698	ug/l	100
37) Ethyl Acetate	7.08	43	88050	51.072	ug/l	100
38) Carbon Tetrachloride	7.91	117	128966	49.961	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002250.D
 Acq On : 08 Apr 2020 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY040820

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:04 AM

Quant Time: Apr 09 02:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	203818	49.649	ug/l	98
40) Benzene	8.17	78	446265	48.740	ug/l	99
41) Methacrylonitrile	7.32	41	45278m	44.520	ug/l	
42) 1,2-Dichloroethane	8.24	62	113404	50.000	ug/l	100
43) Isopropyl Acetate	8.28	43	162932	51.819	ug/l	99
44) Trichloroethene	8.94	130	131125	48.710	ug/l	99
45) 1,2-Dichloropropane	9.22	63	113806	50.095	ug/l	98
46) Dibromomethane	9.31	93	59228	49.863	ug/l	99
47) Bromodichloromethane	9.50	83	136713	50.161	ug/l	98
48) Methyl methacrylate	9.30	41	74138	52.586	ug/l	97
49) 1,4-Dioxane	9.30	88	16351	973.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	424979	259.386	ug/l	99
52) Toluene	10.25	92	271211	49.151	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154076	51.885	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	180348	50.516	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	87218	50.153	ug/l	97
56) Ethyl methacrylate	10.52	69	128726	51.863	ug/l	99
57) 1,3-Dichloropropane	10.80	76	153385	50.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	327636	254.909	ug/l	99
59) 2-Hexanone	10.84	43	303119	266.572	ug/l	100
60) Dibromochloromethane	10.99	129	95585	51.547	ug/l	99
61) 1,2-Dibromoethane	11.09	107	83481	50.424	ug/l	99
64) Tetrachloroethene	10.72	164	131891	47.692	ug/l	96
65) Chlorobenzene	11.52	112	277320	48.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93299	49.699	ug/l	99
67) Ethyl Benzene	11.60	91	517443	49.710	ug/l	98
68) m/p-Xylenes	11.71	106	383583	98.387	ug/l	100
69) o-Xylene	12.03	106	182698	49.914	ug/l	99
70) Styrene	12.05	104	313356	49.345	ug/l	100
71) Bromoform	12.21	173	53300	52.209	ug/l #	98
73) Isopropylbenzene	12.33	105	483804	49.708	ug/l	100
74) N-amyl acetate	12.15	43	143734	52.025	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	64284	54.591	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	71484m	49.689	ug/l	
77) Bromobenzene	12.61	156	104859	48.969	ug/l	97
78) n-propylbenzene	12.67	91	596629	49.288	ug/l	100
79) 2-Chlorotoluene	12.76	91	326486	49.630	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	399827	49.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38698	52.318	ug/l	97
82) 4-Chlorotoluene	12.86	91	339172	49.192	ug/l	100
83) tert-Butylbenzene	13.08	119	330401	49.004	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	399463	49.697	ug/l	97
85) sec-Butylbenzene	13.26	105	492869	49.071	ug/l	100
86) p-Isopropyltoluene	13.38	119	428066	49.519	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	202830	48.875	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	204379	48.517	ug/l	99
89) n-Butylbenzene	13.70	91	432292	48.787	ug/l	100
90) Hexachloroethane	13.97	117	80845	49.078	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	185329	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15236	53.497	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002250.D
 Acq On : 08 Apr 2020 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:04 AM

Quant Time: Apr 09 02:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	119379	48.434	ug/l	98
94) Hexachlorobutadiene	15.12	225	58112	46.811	ug/l	99
95) Naphthalene	15.24	128	273489	50.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	102357	47.826	ug/l	100

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

