

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003506.D
 Acq On : 04 Nov 2020 12:02
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:51 PM

Quant Time: Nov 05 00:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	332244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	110151	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.72	113	95586	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.18	98	388729	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.48	95	130153	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40050	21.704	ug/l	99
3) Chloromethane	2.12	50	51876	21.355	ug/l	99
4) Vinyl Chloride	2.26	62	57535	21.100	ug/l	100
5) Bromomethane	2.65	94	44157	19.382	ug/l	98
6) Chloroethane	2.80	64	34280	21.092	ug/l	99
7) Trichlorofluoromethane	3.13	101	73013	21.095	ug/l	98
8) Diethyl Ether	3.54	74	23597	22.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41891	21.898	ug/l	98
10) Methyl Iodide	4.10	142	37687	22.031	ug/l	96
11) Tert butyl alcohol	4.97	59	26676	99.679	ug/l	96
12) 1,1-Dichloroethene	3.88	96	39717	20.867	ug/l	98
13) Acrolein	3.74	56	19125	96.386	ug/l	99
14) Allyl chloride	4.49	41	73869	21.273	ug/l	99
15) Acrylonitrile	5.18	53	55922	98.704	ug/l	99
16) Acetone	3.96	43	67855	86.031	ug/l	97
17) Carbon Disulfide	4.21	76	128330	20.812	ug/l	98
18) Methyl Acetate	4.49	43	29928	20.079	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	101109	21.448	ug/l	100
20) Methylene Chloride	4.72	84	48513	21.841	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	46863	21.264	ug/l	94
22) Diisopropyl ether	6.13	45	137780	22.622	ug/l	95
23) Vinyl Acetate	6.07	43	485880	106.160	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84864	21.927	ug/l	99
25) 2-Butanone	7.00	43	91544	92.800	ug/l	98
26) 2,2-Dichloropropane	6.99	77	76251	21.147	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	50974	21.345	ug/l	97
28) Bromochloromethane	7.34	49	39077	20.070	ug/l	97
29) Tetrahydrofuran	7.36	42	49967	96.937	ug/l	99
30) Chloroform	7.52	83	83421	21.945	ug/l	99
31) Cyclohexane	7.79	56	75526	21.075	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	76984	21.708	ug/l	99
36) 1,1-Dichloropropene	7.93	75	66591	21.258	ug/l	100
37) Ethyl Acetate	7.08	43	38492	19.788	ug/l	99
38) Carbon Tetrachloride	7.91	117	69315	21.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72090	20.668	ug/l	96
40) Benzene	8.17	78	187930	21.558	ug/l	100
41) Methacrylonitrile	7.33	41	21612m	20.806	ug/l	
42) 1,2-Dichloroethane	8.24	62	59023	21.608	ug/l	100
43) Isopropyl Acetate	8.28	43	71995	20.595	ug/l	99
44) Trichloroethene	8.94	130	52472	21.441	ug/l	97
45) 1,2-Dichloropropane	9.22	63	47903	21.759	ug/l	99
46) Dibromomethane	9.31	93	25463	21.023	ug/l	98
47) Bromodichloromethane	9.50	83	66313	22.369	ug/l	100
48) Methyl methacrylate	9.30	41	33013	20.047	ug/l	98
49) 1,4-Dioxane	9.30	88	5952	393.847	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	189150	101.553	ug/l	99
52) Toluene	10.25	92	117739	21.594	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	68021	21.561	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	76905	21.663	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	36565	21.267	ug/l	97
56) Ethyl methacrylate	10.51	69	47858	20.781	ug/l	97
57) 1,3-Dichloropropane	10.79	76	64342	21.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	120096	102.871	ug/l	99
59) 2-Hexanone	10.83	43	133512	96.814	ug/l	99
60) Dibromochloromethane	10.99	129	45570	21.565	ug/l	99
61) 1,2-Dibromoethane	11.09	107	34342	20.690	ug/l	100
64) Tetrachloroethene	10.72	164	49716	22.266	ug/l	93
65) Chlorobenzene	11.52	112	127519	21.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48471	22.128	ug/l	99
67) Ethyl Benzene	11.60	91	229229	21.765	ug/l	98
68) m/p-Xylenes	11.70	106	174884	43.817	ug/l	99
69) o-Xylene	12.03	106	80382	21.894	ug/l	100
70) Styrene	12.05	104	138290	22.184	ug/l	100
71) Bromoform	12.20	173	30406	20.825	ug/l #	99
73) Isopropylbenzene	12.33	105	222026	21.014	ug/l	100
74) N-amyl acetate	12.14	43	60264	20.136	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	45658	20.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32379m	18.920	ug/l	
77) Bromobenzene	12.61	156	56830	21.170	ug/l	98
78) n-propylbenzene	12.67	91	260798	20.956	ug/l	99
79) 2-Chlorotoluene	12.75	91	147266	21.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	187961	21.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15720	19.172	ug/l	99
82) 4-Chlorotoluene	12.85	91	154290	21.234	ug/l	99
83) tert-Butylbenzene	13.08	119	167841	21.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	190011	21.718	ug/l	100
85) sec-Butylbenzene	13.25	105	225635	21.463	ug/l	99
86) p-Isopropyltoluene	13.37	119	208704	21.406	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	108414	21.679	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108452	21.810	ug/l	99
89) n-Butylbenzene	13.69	91	190361	21.377	ug/l	100
90) Hexachloroethane	13.96	117	34761	21.185	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	95816	21.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7893	19.320	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69020	21.965	ug/l	100
94) Hexachlorobutadiene	15.11	225	44469	21.999	ug/l	99
95) Naphthalene	15.23	128	124526	19.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61440	21.736	ug/l	99

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

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