

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003473.D
 Acq On : 02 Nov 2020 15:26
 Operator : SY/MD
 Sample : L4214-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Quant Time: Nov 03 02:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 03 02:36:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	338142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	300054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125345	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.73	113	105904	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.18	98	434544	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.48	95	141094	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	10033	5.462	ug/l	100
3) Chloromethane	2.12	50	13401	5.542	ug/l	98
4) Vinyl Chloride	2.26	62	15267	5.625	ug/l	100
5) Bromomethane	2.66	94	12721	5.610	ug/l	94
6) Chloroethane	2.80	64	9032	5.583	ug/l	92
7) Trichlorofluoromethane	3.14	101	19955	5.792	ug/l	99
8) Diethyl Ether	3.54	74	5855	5.542	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	10330	5.425	ug/l	99
10) Methyl Iodide	4.10	142	8945	5.693	ug/l	98
11) Tert butyl alcohol	4.96	59	10591	39.417	ug/l #	83
12) 1,1-Dichloroethene	3.88	96	10762	5.681	ug/l	91
13) Acrolein	3.74	56	5977	30.263	ug/l	96
14) Allyl chloride	4.49	41	18846	5.452	ug/l	99
15) Acrylonitrile	5.18	53	15703	27.845	ug/l	100
16) Acetone	3.96	43	18400	23.437	ug/l	96
17) Carbon Disulfide	4.21	76	34166	5.567	ug/l	98
18) Methyl Acetate	4.50	43	8902	6.000	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	24732	5.271	ug/l	97
20) Methylene Chloride	4.73	84	16101	7.282	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	12170	5.548	ug/l	99
22) Diisopropyl ether	6.13	45	32327	5.332	ug/l	90
23) Vinyl Acetate	6.08	43	116466	25.565	ug/l	100
24) 1,1-Dichloroethane	6.03	63	21235	5.512	ug/l	98
25) 2-Butanone	7.00	43	24205	24.651	ug/l	98
26) 2,2-Dichloropropane	7.00	77	20127	5.608	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	13194	5.550	ug/l	99
28) Bromochloromethane	7.35	49	9461	4.882	ug/l	97
29) Tetrahydrofuran	7.36	42	14203	27.682	ug/l	97
30) Chloroform	7.52	83	20608	5.446	ug/l	95
31) Cyclohexane	7.79	56	22623	6.342	ug/l #	79
32) 1,1,1-Trichloroethane	7.71	97	19469	5.515	ug/l	99
36) 1,1-Dichloropropene	7.93	75	17641	5.533	ug/l	98
37) Ethyl Acetate	7.08	43	11268	5.692	ug/l	98
38) Carbon Tetrachloride	7.91	117	17167	5.190	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	18598	5.239	ug/l	96
40) Benzene	8.17	78	47579	5.363	ug/l	98
41) Methacrylonitrile	7.32	41	6559	6.204	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	15091	5.428	ug/l	99
43) Isopropyl Acetate	8.28	43	18764	5.274	ug/l	98
44) Trichloroethene	8.94	130	13577	5.451	ug/l	96
45) 1,2-Dichloropropane	9.22	63	12022	5.366	ug/l	99
46) Dibromomethane	9.31	93	6553	5.316	ug/l	99
47) Bromodichloromethane	9.50	83	15805	5.239	ug/l #	98
48) Methyl methacrylate	9.30	41	8325	4.967	ug/l	95
49) 1,4-Dioxane	9.31	88	1665	108.252	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	48717	25.700	ug/l	99
52) Toluene	10.25	92	29570	5.329	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	16682	5.196	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	18649	5.162	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	9566	5.467	ug/l	94
56) Ethyl methacrylate	10.51	69	11627	4.961	ug/l	98
57) 1,3-Dichloropropane	10.79	76	15831	5.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	29702	24.998	ug/l	99
59) 2-Hexanone	10.83	43	34353	24.476	ug/l	98
60) Dibromochloromethane	10.99	129	10852	5.046	ug/l	97
61) 1,2-Dibromoethane	11.09	107	8790	5.203	ug/l	98
64) Tetrachloroethene	10.72	164	12584	5.616	ug/l	95
65) Chlorobenzene	11.52	112	31057	5.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	11726	5.334	ug/l	99
67) Ethyl Benzene	11.60	91	55099	5.213	ug/l	99
68) m/p-Xylenes	11.70	106	41300	10.311	ug/l	99
69) o-Xylene	12.03	106	18606	5.050	ug/l	99
70) Styrene	12.05	104	31406	5.020	ug/l	98
71) Bromoform	12.21	173	7459	5.090	ug/l #	99
73) Isopropylbenzene	12.33	105	52662	5.350	ug/l	100
74) N-amyl acetate	12.14	43	14426	5.174	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	11665	5.548	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	8619m	5.405	ug/l	
77) Bromobenzene	12.61	156	13129	5.249	ug/l	94
78) n-propylbenzene	12.67	91	61436	5.298	ug/l	99
79) 2-Chlorotoluene	12.75	91	35182	5.431	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	43750	5.364	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	4033	5.279	ug/l	99
82) 4-Chlorotoluene	12.85	91	37694	5.568	ug/l	97
83) tert-Butylbenzene	13.08	119	38603	5.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	42506	5.214	ug/l	100
85) sec-Butylbenzene	13.25	105	52306	5.340	ug/l	99
86) p-Isopropyltoluene	13.37	119	47268	5.204	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	24687	5.298	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	25507	5.505	ug/l	93
89) n-Butylbenzene	13.69	91	43512	5.244	ug/l	99
90) Hexachloroethane	13.96	117	8310	5.436	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	22743	5.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2208	5.801	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.00	180	16565	5.658	ug/l	98
94) Hexachlorobutadiene	15.11	225	10917	5.796	ug/l	99
95) Naphthalene	15.23	128	30691	5.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	13886	5.273	ug/l	97

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

