

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003471.D
 Acq On : 02 Nov 2020 14:42
 Operator : SY/MD
 Sample : L4214-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Quant Time: Nov 03 02:43:16 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	271840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	394782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	133444	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.73	113	119971	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.18	98	484687	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.48	95	157119	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	6137	2.853	ug/l	99
3) Chloromethane	2.12	50	8020	2.832	ug/l	98
4) Vinyl Chloride	2.26	62	8891	2.797	ug/l	95
5) Bromomethane	2.66	94	7458	2.808	ug/l	97
6) Chloroethane	2.80	64	5312	2.804	ug/l #	88
7) Trichlorofluoromethane	3.13	101	12333	3.057	ug/l	98
8) Diethyl Ether	3.54	74	3321	2.684	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.91	101	6759	3.031	ug/l	97
10) Methyl Iodide	4.10	142	5612	3.050	ug/l	99
11) Tert butyl alcohol	4.95	59	8049	25.581	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	6758	3.046	ug/l	86
13) Acrolein	3.74	56	3344	14.459	ug/l	99
14) Allyl chloride	4.50	41	10812	2.671	ug/l	97
15) Acrylonitrile	5.18	53	8513	12.891	ug/l	99
16) Acetone	3.96	43	10906	11.863	ug/l	97
17) Carbon Disulfide	4.21	76	20232	2.815	ug/l	96
18) Methyl Acetate	4.49	43	5216	3.002	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	14833	2.699	ug/l	98
20) Methylene Chloride	4.73	84	12481	4.821	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	7746	3.015	ug/l	80
22) Diisopropyl ether	6.13	45	18158	2.558	ug/l	97
23) Vinyl Acetate	6.08	43	62698	11.753	ug/l	100
24) 1,1-Dichloroethane	6.03	63	12519	2.775	ug/l	97
25) 2-Butanone	7.00	43	13687	11.904	ug/l	96
26) 2,2-Dichloropropane	6.99	77	12704	3.023	ug/l	94
27) cis-1,2-Dichloroethene	7.00	96	7816	2.808	ug/l	99
28) Bromochloromethane	7.35	49	5602	2.468	ug/l #	98
29) Tetrahydrofuran	7.36	42	7406	12.326	ug/l	97
30) Chloroform	7.52	83	12460	2.812	ug/l	94
31) Cyclohexane	7.80	56	15597	3.734	ug/l #	64
32) 1,1,1-Trichloroethane	7.71	97	10970	2.654	ug/l	98
36) 1,1-Dichloropropene	7.92	75	10796	2.900	ug/l	99
37) Ethyl Acetate	7.08	43	6395	2.767	ug/l	99
38) Carbon Tetrachloride	7.91	117	10146	2.628	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003471.D
 Acq On : 02 Nov 2020 14:42
 Operator : SY/MD
 Sample : L4214-01 2.5PPBL0D
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Quant Time: Nov 03 02:43:16 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)
39) Methylcyclohexane	9.19	83	11305	2.728	ug/l	94
40) Benzene	8.17	78	28423	2.744	ug/l	99
41) Methacrylonitrile	7.32	41	2946m	2.387	ug/l	
42) 1,2-Dichloroethane	8.25	62	8915	2.747	ug/l	100
43) Isopropyl Acetate	8.28	43	10311	2.482	ug/l	95
44) Trichloroethene	8.95	130	8041	2.765	ug/l	93
45) 1,2-Dichloropropane	9.22	63	7027	2.686	ug/l	97
46) Dibromomethane	9.31	93	3983	2.768	ug/l	96
47) Bromodichloromethane	9.50	83	9638	2.736	ug/l	99
48) Methyl methacrylate	9.30	41	4549	2.325	ug/l	96
49) 1,4-Dioxane	9.30	88	993	55.299	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	26163	11.822	ug/l	100
52) Toluene	10.24	92	17127	2.644	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	9814	2.618	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	10658	2.527	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	5353	2.620	ug/l	98
56) Ethyl methacrylate	10.51	69	6410	2.343	ug/l	99
57) 1,3-Dichloropropane	10.79	76	9085	2.557	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	14736	10.623	ug/l	96
59) 2-Hexanone	10.83	43	18315	11.177	ug/l	97
60) Dibromochloromethane	10.99	129	6254	2.491	ug/l	98
61) 1,2-Dibromoethane	11.09	107	5123	2.597	ug/l	100
64) Tetrachloroethene	10.72	164	7756	2.993	ug/l	89
65) Chlorobenzene	11.52	112	19640	2.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	6474	2.547	ug/l	92
67) Ethyl Benzene	11.60	91	33578	2.747	ug/l	97
68) m/p-Xylenes	11.70	106	25001	5.398	ug/l	99
69) o-Xylene	12.03	106	11224	2.634	ug/l	98
70) Styrene	12.05	104	18020	2.491	ug/l	99
71) Bromoform	12.20	173	4306	2.541	ug/l #	100
73) Isopropylbenzene	12.33	105	30525	2.696	ug/l	99
74) N-amyl acetate	12.14	43	8047	2.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	6559	2.712	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	5163m	2.816	ug/l	
77) Bromobenzene	12.61	156	8112	2.820	ug/l	99
78) n-propylbenzene	12.67	91	37227	2.792	ug/l	99
79) 2-Chlorotoluene	12.75	91	21405	2.873	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	25508	2.719	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	2281m	2.596	ug/l	
82) 4-Chlorotoluene	12.86	91	22254	2.858	ug/l	98
83) tert-Butylbenzene	13.08	119	22110	2.658	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	24546	2.618	ug/l	99
85) sec-Butylbenzene	13.25	105	31177	2.768	ug/l	100
86) p-Isopropyltoluene	13.37	119	27424	2.625	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	15256	2.847	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	16338	3.066	ug/l	91
89) n-Butylbenzene	13.70	91	26170	2.743	ug/l	99
90) Hexachloroethane	13.96	117	4948	2.814	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	13164	2.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1318	3.011	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
Data File : VY003471.D
Acq On : 02 Nov 2020 14:42
Operator : SY/MD
Sample : L4214-01 2.5PPBLOD
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Quant Time: Nov 03 02:43:16 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.00	180	9963	2.959	ug/l	98
94) Hexachlorobutadiene	15.11	225	6595	3.045	ug/l	96
95) Naphthalene	15.23	128	19076	2.829	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	8470	2.797	ug/l	97

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

