

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001427.D
 Acq On : 30 Jan 2020 14:09
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:26:20 PM

Quant Time: Jan 30 15:29:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	187350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	326924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	288405	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	137924	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	104381	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.75	113	98231	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.20	98	398599	53.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.50	95	148121	49.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	32050	21.693	ug/l	97
3) Chloromethane	2.13	50	47332	21.197	ug/l	97
4) Vinyl Chloride	2.27	62	48471	20.818	ug/l	98
5) Bromomethane	2.66	94	33115	21.118	ug/l	97
6) Chloroethane	2.82	64	30784	20.691	ug/l	91
7) Trichlorofluoromethane	3.15	101	64905	21.787	ug/l	97
8) Diethyl Ether	3.57	74	25734	20.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	40837	21.525	ug/l	98
10) Methyl Iodide	4.13	142	48832	19.516	ug/l	99
11) Tert butyl alcohol	5.00	59	35303	128.305	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	41861	21.044	ug/l	91
13) Acrolein	3.77	56	18771	117.287	ug/l	98
14) Allyl chloride	4.52	41	74233	20.926	ug/l	98
15) Acrylonitrile	5.22	53	69201	107.501	ug/l	100
16) Acetone	3.99	43	65811	118.560	ug/l	94
17) Carbon Disulfide	4.23	76	128265	20.503	ug/l	99
18) Methyl Acetate	4.52	43	36111	21.005	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118604	20.364	ug/l	100
20) Methylene Chloride	4.77	84	55184	19.320	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	47258	20.453	ug/l	97
22) Diisopropyl ether	6.17	45	152565	20.254	ug/l	95
23) Vinyl Acetate	6.11	43	500777	102.402	ug/l	99
24) 1,1-Dichloroethane	6.07	63	81905	20.629	ug/l	98
25) 2-Butanone	7.03	43	98448	110.949	ug/l	99
26) 2,2-Dichloropropane	7.03	77	72506	20.501	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	52973	20.514	ug/l	97
28) Bromochloromethane	7.38	49	31246	19.083	ug/l	100
29) Tetrahydrofuran	7.39	42	61416	106.388	ug/l	97
30) Chloroform	7.55	83	79799	20.505	ug/l	100
31) Cyclohexane	7.82	56	84186	21.355	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	67890	20.660	ug/l	99
36) 1,1-Dichloropropene	7.96	75	64868	21.002	ug/l	99
37) Ethyl Acetate	7.11	43	41516	22.000	ug/l	99
38) Carbon Tetrachloride	7.94	117	58796	21.360	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	87164	22.030	ug/l	99
40) Benzene	8.19	78	192894	20.829	ug/l	98
41) Methacrylonitrile	7.36	41	22176m	22.773	ug/l	
42) 1,2-Dichloroethane	8.27	62	52724	20.375	ug/l	98
43) Isopropyl Acetate	8.31	43	77218	21.044	ug/l	98
44) Trichloroethene	8.97	130	49861	20.981	ug/l	100
45) 1,2-Dichloropropane	9.24	63	49003	20.931	ug/l	99
46) Dibromomethane	9.33	93	25661	20.417	ug/l	97
47) Bromodichloromethane	9.52	83	62235	20.714	ug/l	99
48) Methyl methacrylate	9.32	41	35185	21.093	ug/l	98
49) 1,4-Dioxane	9.33	88	7593	428.405	ug/l	92
51) 4-Methyl-2-Pentanone	10.10	43	202031	106.914	ug/l	100
52) Toluene	10.27	92	121074	20.624	ug/l	97
53) t-1,3-Dichloropropene	10.49	75	67906	20.391	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	79382	20.768	ug/l	98
55) 1,1,2-Trichloroethane	10.67	97	38207	20.596	ug/l	97
56) Ethyl methacrylate	10.53	69	57998	20.686	ug/l	98
57) 1,3-Dichloropropane	10.81	76	67287	20.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	110852	114.255	ug/l	98
59) 2-Hexanone	10.85	43	148300	112.730	ug/l	100
60) Dibromochloromethane	11.00	129	42220	20.349	ug/l	99
61) 1,2-Dibromoethane	11.11	107	36949	21.069	ug/l	100
64) Tetrachloroethene	10.74	164	40286	21.868	ug/l	97
65) Chlorobenzene	11.53	112	126085	20.740	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	43716	21.072	ug/l	100
67) Ethyl Benzene	11.61	91	238289	21.270	ug/l	97
68) m/p-Xylenes	11.72	106	175366	41.911	ug/l	99
69) o-Xylene	12.05	106	84824	21.073	ug/l	98
70) Styrene	12.06	104	144100	20.404	ug/l	99
71) Bromoform	12.22	173	25063	20.238	ug/l #	99
73) Isopropylbenzene	12.34	105	225472	20.717	ug/l	100
74) N-amyl acetate	12.16	43	73305	20.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48937	20.996	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	32215m	19.383	ug/l	
77) Bromobenzene	12.63	156	48804	20.246	ug/l	97
78) n-propylbenzene	12.69	91	274096	20.924	ug/l	100
79) 2-Chlorotoluene	12.77	91	155293	20.751	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	189926	20.906	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18182	20.703	ug/l	98
82) 4-Chlorotoluene	12.87	91	165069	20.650	ug/l	99
83) tert-Butylbenzene	13.09	119	158173	20.656	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	187224	20.527	ug/l	100
85) sec-Butylbenzene	13.27	105	235554	21.650	ug/l	99
86) p-Isopropyltoluene	13.38	119	204188	21.297	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	97347	20.969	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	97021	20.582	ug/l	99
89) n-Butylbenzene	13.71	91	207558	21.510	ug/l	99
90) Hexachloroethane	13.97	117	37588	20.683	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	87995	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	8375	20.823	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58651	20.410	ug/l	99
94) Hexachlorobutadiene	15.12	225	28648	20.475	ug/l	98
95) Naphthalene	15.25	128	139621	21.249	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	51201	20.312	ug/l	98

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

