

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001448.D
 Acq On : 31 Jan 2020 12:33
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:53:15 AM

Quant Time: Jan 31 14:05:44 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	7.82	168	182652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	317239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	94518	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.75	113	93288	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.20	98	380573	52.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.49	95	141653	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32191	22.349	ug/l	100
3) Chloromethane	2.13	50	49811	22.881	ug/l	98
4) Vinyl Chloride	2.27	62	51871	22.851	ug/l	99
5) Bromomethane	2.66	94	34393	22.497	ug/l	100
6) Chloroethane	2.82	64	32992	22.745	ug/l	95
7) Trichlorofluoromethane	3.15	101	68728	23.664	ug/l	98
8) Diethyl Ether	3.56	74	25282	20.621	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	44059	23.821	ug/l	99
10) Methyl Iodide	4.13	142	52977	21.717	ug/l	100
11) Tert butyl alcohol	5.00	59	29015	104.864	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	43810	22.591	ug/l	91
13) Acrolein	3.76	56	15413	96.634	ug/l	100
14) Allyl chloride	4.52	41	77771	22.488	ug/l	100
15) Acrylonitrile	5.21	53	63801	101.662	ug/l	99
16) Acetone	3.98	43	54961	100.439	ug/l	99
17) Carbon Disulfide	4.23	76	135991	22.297	ug/l	99
18) Methyl Acetate	4.51	43	32635	19.471	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	118195	20.815	ug/l	97
20) Methylene Chloride	4.75	84	55115	19.906	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	50981	22.631	ug/l	97
22) Diisopropyl ether	6.16	45	161694	22.018	ug/l	98
23) Vinyl Acetate	6.10	43	498119	104.478	ug/l	99
24) 1,1-Dichloroethane	6.06	63	88117	22.764	ug/l	99
25) 2-Butanone	7.03	43	86096	99.524	ug/l	97
26) 2,2-Dichloropropane	7.02	77	76636	22.226	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	57000	22.641	ug/l	99
28) Bromochloromethane	7.38	49	29445	18.445	ug/l	97
29) Tetrahydrofuran	7.38	42	54106	96.136	ug/l	100
30) Chloroform	7.54	83	83603	22.035	ug/l	97
31) Cyclohexane	7.82	56	89208	23.211	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	72547	22.645	ug/l	99
36) 1,1-Dichloropropene	7.95	75	69772	23.280	ug/l	99
37) Ethyl Acetate	7.11	43	38217	20.870	ug/l	98
38) Carbon Tetrachloride	7.93	117	61392	22.984	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	91180	23.748	ug/l	99
40) Benzene	8.19	78	207219	23.059	ug/l	99
41) Methacrylonitrile	7.36	41	23473m	24.841	ug/l	
42) 1,2-Dichloroethane	8.27	62	54592	21.741	ug/l	98
43) Isopropyl Acetate	8.30	43	73101	20.530	ug/l	98
44) Trichloroethene	8.96	130	52798	22.895	ug/l	99
45) 1,2-Dichloropropane	9.24	63	52261	23.005	ug/l	100
46) Dibromomethane	9.33	93	26690	21.884	ug/l	96
47) Bromodichloromethane	9.52	83	65815	22.574	ug/l	98
48) Methyl methacrylate	9.31	41	34418	21.263	ug/l	95
49) 1,4-Dioxane	9.32	88	7269	422.645	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	185035	100.909	ug/l	100
52) Toluene	10.26	92	130137	22.845	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	70717	21.883	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	83188	22.428	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	38014	21.118	ug/l	97
56) Ethyl methacrylate	10.52	69	55872	20.536	ug/l	99
57) 1,3-Dichloropropane	10.80	76	67849	21.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	95804	101.760	ug/l	98
59) 2-Hexanone	10.85	43	129808	101.686	ug/l	100
60) Dibromochloromethane	11.00	129	43476	21.594	ug/l	98
61) 1,2-Dibromoethane	11.10	107	35986	21.147	ug/l	98
64) Tetrachloroethene	10.74	164	41861	23.369	ug/l	97
65) Chlorobenzene	11.53	112	134312	22.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	46605	23.103	ug/l	99
67) Ethyl Benzene	11.60	91	252280	23.159	ug/l	98
68) m/p-Xylenes	11.71	106	191685	47.114	ug/l	98
69) o-Xylene	12.04	106	90850	23.212	ug/l	99
70) Styrene	12.05	104	155914	22.704	ug/l	99
71) Bromoform	12.22	173	24888	20.668	ug/l #	100
73) Isopropylbenzene	12.34	105	243363	23.308	ug/l	100
74) N-amyl acetate	12.15	43	71610	20.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	47035	21.035	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	30766m	19.296	ug/l	
77) Bromobenzene	12.62	156	51658	22.338	ug/l	99
78) n-propylbenzene	12.68	91	299273	23.814	ug/l	99
79) 2-Chlorotoluene	12.77	91	165655	23.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	207309	23.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	17169	20.377	ug/l	99
82) 4-Chlorotoluene	12.86	91	178384	23.261	ug/l	100
83) tert-Butylbenzene	13.08	119	171789	23.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	203190	23.222	ug/l	99
85) sec-Butylbenzene	13.26	105	249276	23.882	ug/l	99
86) p-Isopropyltoluene	13.38	119	218273	23.730	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	103777	23.301	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	104241	23.051	ug/l	99
89) n-Butylbenzene	13.70	91	224365	24.237	ug/l	99
90) Hexachloroethane	13.97	117	40743	23.368	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	93434	22.747	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7816	20.256	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62154	22.546	ug/l	98
94) Hexachlorobutadiene	15.12	225	31791	23.684	ug/l	99
95) Naphthalene	15.25	128	134186	21.287	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	53696	22.204	ug/l	99

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

