

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001402.D
 Acq On : 27 Jan 2020 13:53
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:31 PM

Quant Time: Jan 27 16:19:39 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	7.81	168	205501	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	355413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	120994	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.74	113	112776	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.19	98	455334	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.49	95	170965	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	35544	21.933	ug/l	99
3) Chloromethane	2.12	50	53589	21.879	ug/l	95
4) Vinyl Chloride	2.26	62	52623	20.605	ug/l	96
5) Bromomethane	2.65	94	33684	19.583	ug/l	99
6) Chloroethane	2.80	64	33429	20.484	ug/l	96
7) Trichlorofluoromethane	3.13	101	69144	21.160	ug/l	99
8) Diethyl Ether	3.54	74	26562	19.256	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	44576	21.421	ug/l	100
10) Methyl Iodide	4.11	142	51911	18.914	ug/l	99
11) Tert butyl alcohol	4.98	59	29037	90.952	ug/l	100
12) 1,1-Dichloroethene	3.88	96	44085	20.205	ug/l	92
13) Acrolein	3.74	56	20039	113.787	ug/l	97
14) Allyl chloride	4.51	41	78120	20.077	ug/l	100
15) Acrylonitrile	5.19	53	72422	102.568	ug/l	98
16) Acetone	3.97	43	67719	110.738	ug/l	98
17) Carbon Disulfide	4.21	76	139236	20.290	ug/l	99
18) Methyl Acetate	4.50	43	37187	19.720	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124188	19.439	ug/l	100
20) Methylene Chloride	4.74	84	55083	17.165	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	49926	19.699	ug/l	97
22) Diisopropyl ether	6.14	45	161542	19.551	ug/l	93
23) Vinyl Acetate	6.08	43	530278	98.857	ug/l	100
24) 1,1-Dichloroethane	6.04	63	87074	19.993	ug/l	96
25) 2-Butanone	7.01	43	98858	101.571	ug/l	98
26) 2,2-Dichloropropane	7.00	77	77151	19.888	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	56089	19.802	ug/l	98
28) Bromochloromethane	7.36	49	33246	18.511	ug/l	99
29) Tetrahydrofuran	7.37	42	62606	98.871	ug/l	99
30) Chloroform	7.53	83	83662	19.598	ug/l	98
31) Cyclohexane	7.80	56	89575	20.715	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	72496	20.113	ug/l	99
36) 1,1-Dichloropropene	7.94	75	69538	20.710	ug/l	99
37) Ethyl Acetate	7.10	43	43452	21.181	ug/l	100
38) Carbon Tetrachloride	7.92	117	63107	21.088	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92224	21.440	ug/l	95
40) Benzene	8.18	78	204803	20.342	ug/l	98
41) Methacrylonitrile	7.33	41	15556m	14.694	ug/l	
42) 1,2-Dichloroethane	8.25	62	56947	20.243	ug/l	99
43) Isopropyl Acetate	8.29	43	80371	20.148	ug/l	99
44) Trichloroethene	8.96	130	51842	20.066	ug/l	100
45) 1,2-Dichloropropane	9.23	63	52755	20.728	ug/l	98
46) Dibromomethane	9.32	93	27189	19.899	ug/l	98
47) Bromodichloromethane	9.51	83	66623	20.397	ug/l	100
48) Methyl methacrylate	9.30	41	36391	20.067	ug/l	99
49) 1,4-Dioxane	9.32	88	8207	425.930	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	210030	102.238	ug/l	100
52) Toluene	10.25	92	130266	20.411	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	72923	20.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	83118	20.002	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	41282	20.470	ug/l	98
56) Ethyl methacrylate	10.52	69	60759	19.933	ug/l	99
57) 1,3-Dichloropropane	10.80	76	70851	20.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	116158	110.127	ug/l	99
59) 2-Hexanone	10.84	43	151161	105.695	ug/l	100
60) Dibromochloromethane	10.99	129	45214	20.045	ug/l	99
61) 1,2-Dibromoethane	11.10	107	38680	20.288	ug/l	99
64) Tetrachloroethene	10.73	164	41500	20.850	ug/l	97
65) Chlorobenzene	11.52	112	132946	20.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	46319	20.665	ug/l	99
67) Ethyl Benzene	11.60	91	253246	20.922	ug/l	97
68) m/p-Xylenes	11.71	106	186939	41.351	ug/l	100
69) o-Xylene	12.03	106	89068	20.480	ug/l	100
70) Styrene	12.05	104	157419	20.630	ug/l	99
71) Bromoform	12.22	173	26735	19.981	ug/l #	99
73) Isopropylbenzene	12.34	105	238438	20.152	ug/l	100
74) N-amyl acetate	12.15	43	78717	20.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50939	20.102	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	39082m	21.630	ug/l	
77) Bromobenzene	12.61	156	53056	20.245	ug/l	99
78) n-propylbenzene	12.68	91	296254	20.802	ug/l	99
79) 2-Chlorotoluene	12.77	91	165367	20.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	203880	20.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	19794	20.731	ug/l	98
82) 4-Chlorotoluene	12.86	91	175589	20.205	ug/l	100
83) tert-Butylbenzene	13.08	119	173038	20.785	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	203265	20.499	ug/l	99
85) sec-Butylbenzene	13.26	105	249505	21.094	ug/l	99
86) p-Isopropyltoluene	13.38	119	220569	21.161	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104366	20.678	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103671	20.230	ug/l	98
89) n-Butylbenzene	13.70	91	223399	21.296	ug/l	100
90) Hexachloroethane	13.97	117	40901	20.701	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	95888	20.600	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9239	21.129	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	64027	20.495	ug/l	99
94) Hexachlorobutadiene	15.12	225	32424	21.315	ug/l	99
95) Naphthalene	15.25	128	152511	21.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	56859	20.748	ug/l	100

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

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