

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000570.D
 Acq On : 07 Nov 2019 11:23
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:40 PM

Quant Time: Nov 08 04:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	484419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210607	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158533	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.74	113	139991	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.19	98	569954	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.48	95	199922	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58922	21.050	ug/l	97
3) Chloromethane	2.11	50	80162	20.788	ug/l	97
4) Vinyl Chloride	2.25	62	75612	21.116	ug/l	97
5) Bromomethane	2.64	94	49455	23.031	ug/l	94
6) Chloroethane	2.79	64	48562	21.669	ug/l	100
7) Trichlorofluoromethane	3.13	101	109084	22.557	ug/l	94
8) Diethyl Ether	3.53	74	38662	22.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64685	22.125	ug/l	96
10) Methyl Iodide	4.10	142	70791	20.418	ug/l	99
11) Tert butyl alcohol	4.98	59	32933	114.966	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	63283	22.279	ug/l	96
13) Acrolein	3.74	56	23048	92.369	ug/l	99
14) Allyl chloride	4.49	41	109442	23.695	ug/l	98
15) Acrylonitrile	5.18	53	104164	118.337	ug/l	99
16) Acetone	3.96	43	79957	98.584	ug/l	100
17) Carbon Disulfide	4.20	76	189572	21.160	ug/l	99
18) Methyl Acetate	4.49	43	58446	23.176	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	179546	22.735	ug/l	96
20) Methylene Chloride	4.73	84	79598	22.904	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	72546	22.592	ug/l	97
22) Diisopropyl ether	6.13	45	229519	22.863	ug/l	97
23) Vinyl Acetate	6.08	43	742398	117.151	ug/l	99
24) 1,1-Dichloroethane	6.03	63	123656	22.737	ug/l	99
25) 2-Butanone	7.00	43	142789	110.314	ug/l	98
26) 2,2-Dichloropropane	7.00	77	111640	22.462	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	76878	21.894	ug/l	94
28) Bromochloromethane	7.35	49	30731	15.468	ug/l	94
29) Tetrahydrofuran	7.36	42	90491	114.277	ug/l	99
30) Chloroform	7.52	83	122853	22.330	ug/l	97
31) Cyclohexane	7.80	56	126827	22.265	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	110940	22.626	ug/l	98
36) 1,1-Dichloropropene	7.93	75	100875	22.028	ug/l	98
37) Ethyl Acetate	7.09	43	59232	21.786	ug/l #	95
38) Carbon Tetrachloride	7.91	117	94552	21.458	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	128679	21.750	ug/l	98
40) Benzene	8.17	78	288797	21.510	ug/l	98
41) Methacrylonitrile	7.33	41	36258m	23.905	ug/l	
42) 1,2-Dichloroethane	8.25	62	83586	21.950	ug/l	100
43) Isopropyl Acetate	8.28	43	116072	22.726	ug/l	98
44) Trichloroethene	8.95	130	76487	21.607	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72661	21.989	ug/l	98
46) Dibromomethane	9.31	93	39365	21.662	ug/l	99
47) Bromodichloromethane	9.50	83	93327	21.643	ug/l	98
48) Methyl methacrylate	9.30	41	50870	22.796	ug/l	96
49) 1,4-Dioxane	9.31	88	11097	453.719	ug/l #	88
51) 4-Methyl-2-Pentanone	10.08	43	305520	112.512	ug/l	98
52) Toluene	10.25	92	186030	21.916	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	102085	22.157	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	118935	22.533	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	56329	21.430	ug/l	98
56) Ethyl methacrylate	10.52	69	83759	22.483	ug/l	98
57) 1,3-Dichloropropane	10.80	76	101418	22.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	173740	103.157	ug/l	97
59) 2-Hexanone	10.83	43	218520	110.449	ug/l	99
60) Dibromochloromethane	10.99	129	64014	21.262	ug/l	99
61) 1,2-Dibromoethane	11.09	107	55763	22.065	ug/l	98
64) Tetrachloroethene	10.72	164	76340	21.217	ug/l	96
65) Chlorobenzene	11.52	112	192429	21.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	65391	21.372	ug/l	99
67) Ethyl Benzene	11.59	91	360190	22.184	ug/l	99
68) m/p-Xylenes	11.70	106	268393	42.709	ug/l	95
69) o-Xylene	12.03	106	126887	21.484	ug/l	98
70) Styrene	12.05	104	219312	21.685	ug/l	99
71) Bromoform	12.21	173	36600	20.797	ug/l #	96
73) Isopropylbenzene	12.33	105	343108	22.043	ug/l	100
74) N-amyl acetate	12.14	43	103848	23.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	71872	23.320	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	42685m	17.800	ug/l	
77) Bromobenzene	12.61	156	76381	21.639	ug/l	95
78) n-propylbenzene	12.67	91	416181	22.160	ug/l	100
79) 2-Chlorotoluene	12.75	91	232688	22.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	292557	22.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23775	22.229	ug/l	97
82) 4-Chlorotoluene	12.86	91	246020	22.763	ug/l	97
83) tert-Butylbenzene	13.08	119	241035	21.776	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	289677	22.443	ug/l	98
85) sec-Butylbenzene	13.25	105	357249	22.654	ug/l	99
86) p-Isopropyltoluene	13.37	119	311936	22.194	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148825	21.526	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	145729	21.094	ug/l	97
89) n-Butylbenzene	13.70	91	305979	22.072	ug/l	98
90) Hexachloroethane	13.96	117	59367	22.848	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	137156	21.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12537	22.985	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90660	21.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	48021	21.811	ug/l	98
95) Naphthalene	15.23	128	213002	22.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	81449	21.255	ug/l	98

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

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