

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000789.D
 Acq On : 22 Nov 2019 13:33
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:34:01 AM

Quant Time: Nov 23 05:24:14 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	311146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	540627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	480836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	159543	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	7.73	113	147249	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	10.18	98	600864	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.48	95	216817	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	53818	17.571	ug/l	98
3) Chloromethane	2.12	50	73887	17.512	ug/l	95
4) Vinyl Chloride	2.25	62	74506	19.016	ug/l	98
5) Bromomethane	2.64	94	47125	20.057	ug/l	96
6) Chloroethane	2.79	64	47761	19.477	ug/l	99
7) Trichlorofluoromethane	3.13	101	107723	20.358	ug/l	96
8) Diethyl Ether	3.54	74	41276	21.953	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65848	20.584	ug/l	97
10) Methyl Iodide	4.10	142	74453	19.750	ug/l	98
11) Tert butyl alcohol	4.97	59	35049	111.819	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	65389	21.039	ug/l	92
13) Acrolein	3.73	56	20125	73.711	ug/l	98
14) Allyl chloride	4.49	41	113806	22.519	ug/l	95
15) Acrylonitrile	5.18	53	113818	118.173	ug/l	99
16) Acetone	3.96	43	83841	94.473	ug/l	98
17) Carbon Disulfide	4.20	76	191737	19.560	ug/l	99
18) Methyl Acetate	4.49	43	62139	22.519	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	189415	21.919	ug/l	94
20) Methylene Chloride	4.72	84	84778	22.294	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	76550	21.786	ug/l	93
22) Diisopropyl ether	6.13	45	247607	22.541	ug/l	97
23) Vinyl Acetate	6.07	43	783627	113.011	ug/l	98
24) 1,1-Dichloroethane	6.04	63	133729	22.472	ug/l	98
25) 2-Butanone	7.00	43	152308	107.538	ug/l	98
26) 2,2-Dichloropropane	7.00	77	111440	20.492	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85127	22.156	ug/l	99
28) Bromochloromethane	7.35	49	32868	15.212	ug/l	96
29) Tetrahydrofuran	7.36	42	98895	114.138	ug/l	99
30) Chloroform	7.52	83	135309	22.477	ug/l	95
31) Cyclohexane	7.80	56	135567	21.751	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	111209	20.728	ug/l	100
36) 1,1-Dichloropropene	7.93	75	103268	20.206	ug/l	98
37) Ethyl Acetate	7.08	43	64928	21.398	ug/l	96
38) Carbon Tetrachloride	7.91	117	93776	19.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	136532	20.678	ug/l	99
40) Benzene	8.17	78	310047	20.692	ug/l	98
41) Methacrylonitrile	7.33	41	40782m	24.093	ug/l	
42) 1,2-Dichloroethane	8.25	62	85483	20.115	ug/l	99
43) Isopropyl Acetate	8.28	43	121858	21.379	ug/l	99
44) Trichloroethene	8.94	130	81339	20.589	ug/l	93
45) 1,2-Dichloropropane	9.22	63	78222	21.211	ug/l	93
46) Dibromomethane	9.31	93	43012	21.208	ug/l	96
47) Bromodichloromethane	9.50	83	97456	20.251	ug/l	100
48) Methyl methacrylate	9.30	41	54016	21.689	ug/l	95
49) 1,4-Dioxane	9.30	88	11460	419.846	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	329853	108.843	ug/l	97
52) Toluene	10.25	92	193657	20.443	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108803	21.160	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	125813	21.358	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	63174	21.536	ug/l	97
56) Ethyl methacrylate	10.51	69	91759	22.070	ug/l	96
57) 1,3-Dichloropropane	10.79	76	110571	21.536	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	198412	105.558	ug/l	97
59) 2-Hexanone	10.83	43	234187	106.061	ug/l	98
60) Dibromochloromethane	10.99	129	66938	19.922	ug/l	99
61) 1,2-Dibromoethane	11.09	107	58810	20.851	ug/l	99
64) Tetrachloroethene	10.72	164	84049	21.139	ug/l	96
65) Chlorobenzene	11.52	112	199628	20.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68598	20.289	ug/l	98
67) Ethyl Benzene	11.59	91	377285	21.028	ug/l	95
68) m/p-Xylenes	11.70	106	282688	40.708	ug/l	97
69) o-Xylene	12.02	106	134333	20.583	ug/l	98
70) Styrene	12.04	104	227283	20.337	ug/l	99
71) Bromoform	12.20	173	38782	19.943	ug/l #	99
73) Isopropylbenzene	12.33	105	364517	21.342	ug/l	99
74) N-amyl acetate	12.14	43	105069	21.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	73326	21.683	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	51513m	19.577	ug/l	
77) Bromobenzene	12.61	156	79139	20.433	ug/l	95
78) n-propylbenzene	12.67	91	444856	21.587	ug/l	99
79) 2-Chlorotoluene	12.75	91	245468	21.456	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	308097	21.659	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	25749	21.940	ug/l	98
82) 4-Chlorotoluene	12.85	91	258675	21.812	ug/l	96
83) tert-Butylbenzene	13.07	119	249768	20.564	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	303163	21.405	ug/l	99
85) sec-Butylbenzene	13.25	105	375911	21.724	ug/l	98
86) p-Isopropyltoluene	13.37	119	327589	21.241	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	159790	21.063	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	160207	21.133	ug/l	99
89) n-Butylbenzene	13.69	91	335895	22.082	ug/l	99
90) Hexachloroethane	13.95	117	58573	20.544	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	145203	21.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12275	20.509	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	99510	21.232	ug/l	99
94) Hexachlorobutadiene	15.11	225	48155	19.932	ug/l	98
95) Naphthalene	15.23	128	239006	22.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89052	21.179	ug/l	99

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

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