

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000783.D
 Acq On : 22 Nov 2019 11:22
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:33:57 AM

Quant Time: Nov 23 04:32:16 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	310959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	167227	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.72	113	154877	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.18	98	627337	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.48	95	225436	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56180	18.353	ug/l	95
3) Chloromethane	2.12	50	80193	19.018	ug/l	99
4) Vinyl Chloride	2.25	62	78317	20.000	ug/l	93
5) Bromomethane	2.64	94	51541	21.949	ug/l	95
6) Chloroethane	2.79	64	50166	20.470	ug/l	99
7) Trichlorofluoromethane	3.13	101	114552	21.662	ug/l	96
8) Diethyl Ether	3.53	74	43092	22.933	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	70264	21.978	ug/l	96
10) Methyl Iodide	4.09	142	77483	20.434	ug/l	97
11) Tert butyl alcohol	4.97	59	34224	109.253	ug/l #	89
12) 1,1-Dichloroethene	3.87	96	69423	22.350	ug/l	94
13) Acrolein	3.74	56	22598	82.819	ug/l	94
14) Allyl chloride	4.49	41	124744	24.698	ug/l	93
15) Acrylonitrile	5.18	53	118226	122.823	ug/l	99
16) Acetone	3.96	43	86097	97.074	ug/l	98
17) Carbon Disulfide	4.19	76	208842	21.317	ug/l	98
18) Methyl Acetate	4.49	43	62730	22.747	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	199670	23.120	ug/l	100
20) Methylene Chloride	4.72	84	85827	22.584	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	82166	23.399	ug/l	97
22) Diisopropyl ether	6.13	45	263516	24.004	ug/l	89
23) Vinyl Acetate	6.07	43	820469	118.395	ug/l	99
24) 1,1-Dichloroethane	6.02	63	141312	23.761	ug/l	98
25) 2-Butanone	6.99	43	155500	109.857	ug/l	99
26) 2,2-Dichloropropane	6.99	77	120108	22.099	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	90163	23.481	ug/l	100
28) Bromochloromethane	7.35	49	34551	15.788	ug/l	94
29) Tetrahydrofuran	7.35	42	102839	118.761	ug/l	98
30) Chloroform	7.52	83	142012	23.604	ug/l	98
31) Cyclohexane	7.79	56	142338	22.851	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	117860	21.981	ug/l	99
36) 1,1-Dichloropropene	7.92	75	109554	21.511	ug/l	100
37) Ethyl Acetate	7.09	43	67222	22.232	ug/l	98
38) Carbon Tetrachloride	7.90	117	101914	20.797	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	142937	21.724	ug/l	98
40) Benzene	8.17	78	332018	22.237	ug/l	99
41) Methacrylonitrile	7.32	41	33603m	19.921	ug/l	
42) 1,2-Dichloroethane	8.25	62	89180	21.059	ug/l	99
43) Isopropyl Acetate	8.28	43	124881	21.986	ug/l	98
44) Trichloroethene	8.94	130	85779	21.789	ug/l	92
45) 1,2-Dichloropropane	9.22	63	84053	22.873	ug/l	96
46) Dibromomethane	9.31	93	44832	22.183	ug/l	96
47) Bromodichloromethane	9.50	83	103882	21.662	ug/l	98
48) Methyl methacrylate	9.30	41	54918	22.129	ug/l	97
49) 1,4-Dioxane	9.30	88	12814	471.105	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	337139	111.639	ug/l	97
52) Toluene	10.24	92	208239	22.059	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112935	22.041	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	131979	22.484	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	64901	22.202	ug/l	97
56) Ethyl methacrylate	10.51	69	98113	23.681	ug/l	93
57) 1,3-Dichloropropane	10.79	76	117066	22.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	214634	114.591	ug/l	97
59) 2-Hexanone	10.83	43	236826	107.635	ug/l	96
60) Dibromochloromethane	10.98	129	71574	21.376	ug/l	95
61) 1,2-Dibromoethane	11.09	107	61126	21.748	ug/l	96
64) Tetrachloroethene	10.72	164	89472	22.136	ug/l	96
65) Chlorobenzene	11.52	112	217156	21.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	72854	21.196	ug/l	100
67) Ethyl Benzene	11.59	91	398838	21.866	ug/l	97
68) m/p-Xylenes	11.70	106	303413	42.978	ug/l	98
69) o-Xylene	12.03	106	143938	21.694	ug/l	97
70) Styrene	12.04	104	242573	21.351	ug/l	100
71) Bromoform	12.20	173	40394	20.432	ug/l #	98
73) Isopropylbenzene	12.33	105	383131	22.676	ug/l	99
74) N-amyl acetate	12.14	43	108762	22.477	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	75981	22.712	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	54845m	21.070	ug/l	
77) Bromobenzene	12.61	156	84133	21.959	ug/l	95
78) n-propylbenzene	12.67	91	468092	22.961	ug/l	100
79) 2-Chlorotoluene	12.75	91	257625	22.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	318954	22.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28112	24.215	ug/l	91
82) 4-Chlorotoluene	12.85	91	271346	23.130	ug/l	97
83) tert-Butylbenzene	13.07	119	276162	22.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	327468	23.373	ug/l	98
85) sec-Butylbenzene	13.25	105	392264	22.916	ug/l	99
86) p-Isopropyltoluene	13.37	119	345262	22.631	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	169860	22.634	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	165155	22.023	ug/l	98
89) n-Butylbenzene	13.69	91	347801	23.114	ug/l	99
90) Hexachloroethane	13.96	117	62421	22.132	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	151925	22.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13868	23.423	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106893	23.056	ug/l	97
94) Hexachlorobutadiene	15.11	225	51817	21.682	ug/l	99
95) Naphthalene	15.23	128	243901	23.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89053	21.410	ug/l	95

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

