

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000607.D
 Acq On : 08 Nov 2019 11:31
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:05:49 AM

Quant Time: Nov 11 05:43:05 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	277805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	460697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151061	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.73	113	131322	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.19	98	539550	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	191906	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48962	17.904	ug/l	94
3) Chloromethane	2.12	50	68146	18.089	ug/l	97
4) Vinyl Chloride	2.26	62	64011	18.298	ug/l	97
5) Bromomethane	2.66	94	40072	19.102	ug/l	93
6) Chloroethane	2.80	64	43281	19.768	ug/l	96
7) Trichlorofluoromethane	3.13	101	93829	19.860	ug/l	96
8) Diethyl Ether	3.54	74	32040	19.086	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	56346	19.728	ug/l	96
10) Methyl Iodide	4.10	142	63050	18.897	ug/l	99
11) Tert butyl alcohol	5.02	59	18445m	65.909	ug/l	
12) 1,1-Dichloroethene	3.88	96	54715	19.717	ug/l	96
13) Acrolein	3.74	56	16750	68.712	ug/l	96
14) Allyl chloride	4.49	41	89767	19.894	ug/l	99
15) Acrylonitrile	5.19	53	82716	96.188	ug/l	99
16) Acetone	3.98	43	54940	69.337	ug/l	95
17) Carbon Disulfide	4.20	76	159599	18.235	ug/l	98
18) Methyl Acetate	4.49	43	43206	17.537	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	148679	19.270	ug/l	94
20) Methylene Chloride	4.72	84	64783	19.081	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	59640	19.011	ug/l	95
22) Diisopropyl ether	6.13	45	197162	20.103	ug/l	94
23) Vinyl Acetate	6.08	43	614022	99.179	ug/l	98
24) 1,1-Dichloroethane	6.04	63	105360	19.830	ug/l	97
25) 2-Butanone	7.01	43	106481	84.204	ug/l	97
26) 2,2-Dichloropropane	6.99	77	95174	19.601	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	67929	19.802	ug/l	99
28) Bromochloromethane	7.35	49	26643	14.188	ug/l	96
29) Tetrahydrofuran	7.37	42	71901	92.942	ug/l	97
30) Chloroform	7.52	83	105131	19.560	ug/l	96
31) Cyclohexane	7.80	56	106814	19.194	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	91492	19.100	ug/l	98
36) 1,1-Dichloropropene	7.93	75	86287	19.812	ug/l	100
37) Ethyl Acetate	7.09	43	48872	18.901	ug/l	97
38) Carbon Tetrachloride	7.91	117	84375	20.134	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	108961	19.365	ug/l	95
40) Benzene	8.18	78	244897	19.180	ug/l	98
41) Methacrylonitrile	7.33	41	29425	20.399	ug/l #	65
42) 1,2-Dichloroethane	8.25	62	72690	20.072	ug/l	99
43) Isopropyl Acetate	8.28	43	96585	19.885	ug/l	98
44) Trichloroethene	8.94	130	65538	19.467	ug/l	97
45) 1,2-Dichloropropane	9.22	63	61341	19.519	ug/l	95
46) Dibromomethane	9.32	93	33488	19.376	ug/l	97
47) Bromodichloromethane	9.50	83	79163	19.304	ug/l	97
48) Methyl methacrylate	9.30	41	41245	19.435	ug/l	96
49) 1,4-Dioxane	9.33	88	8010	344.366	ug/l #	71
51) 4-Methyl-2-Pentanone	10.08	43	248674	96.293	ug/l	99
52) Toluene	10.25	92	156936	19.440	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	87842	20.047	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	97820	19.487	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	47144	18.859	ug/l	97
56) Ethyl methacrylate	10.51	69	68685	19.386	ug/l	97
57) 1,3-Dichloropropane	10.79	76	86364	19.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	164645	102.791	ug/l	99
59) 2-Hexanone	10.84	43	175497	93.271	ug/l	99
60) Dibromochloromethane	10.99	129	54220	18.936	ug/l	99
61) 1,2-Dibromoethane	11.10	107	47480	19.754	ug/l	99
64) Tetrachloroethene	10.72	164	67355	19.577	ug/l	96
65) Chlorobenzene	11.52	112	166251	19.707	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	57418	19.625	ug/l	99
67) Ethyl Benzene	11.60	91	307570	19.810	ug/l	98
68) m/p-Xylenes	11.70	106	230475	38.354	ug/l	96
69) o-Xylene	12.03	106	108435	19.200	ug/l	98
70) Styrene	12.05	104	184192	19.046	ug/l	99
71) Bromoform	12.21	173	31724	18.852	ug/l #	99
73) Isopropylbenzene	12.33	105	294410	20.145	ug/l	100
74) N-amyl acetate	12.14	43	83573	19.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58513	20.221	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	37024m	16.444	ug/l	
77) Bromobenzene	12.61	156	64532	19.472	ug/l	96
78) n-propylbenzene	12.67	91	357124	20.252	ug/l	100
79) 2-Chlorotoluene	12.76	91	195823	20.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	250345	20.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19160	19.080	ug/l	99
82) 4-Chlorotoluene	12.86	91	209245	20.620	ug/l	98
83) tert-Butylbenzene	13.08	119	206779	19.896	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	252131	20.805	ug/l	96
85) sec-Butylbenzene	13.25	105	303286	20.483	ug/l	100
86) p-Isopropyltoluene	13.37	119	269599	20.429	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	127349	19.618	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	129915	20.028	ug/l	99
89) n-Butylbenzene	13.70	91	264144	20.294	ug/l	98
90) Hexachloroethane	13.96	117	48862	20.028	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	117186	19.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10165	19.848	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	80898	20.172	ug/l	96
94) Hexachlorobutadiene	15.11	225	41905	20.271	ug/l	97
95) Naphthalene	15.23	128	177713	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71479	19.867	ug/l	99

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

