

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000600.D
 Acq On : 07 Nov 2019 23:30
 Operator : SY/MD
 Sample : VY1107SBSD02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:24 PM

Quant Time: Nov 08 10:01:54 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	246699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155600	60.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.90%	
35) Dibromofluoromethane	7.73	113	133455	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.18	98	539654	56.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.48	95	196845	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	48831	20.108	ug/l	99
3) Chloromethane	2.12	50	68754	20.552	ug/l	100
4) Vinyl Chloride	2.25	62	63883	20.564	ug/l	99
5) Bromomethane	2.64	94	45694	24.528	ug/l	94
6) Chloroethane	2.79	64	42985	22.108	ug/l	96
7) Trichlorofluoromethane	3.13	101	91770	21.874	ug/l	100
8) Diethyl Ether	3.54	74	36089	24.209	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53680	21.164	ug/l	96
10) Methyl Iodide	4.10	142	65858	21.663	ug/l	100
11) Tert butyl alcohol	4.96	59	29839	120.067	ug/l	99
12) 1,1-Dichloroethene	3.88	96	53157	21.571	ug/l	90
13) Acrolein	3.73	56	18851	87.082	ug/l	97
14) Allyl chloride	4.49	41	93800	23.409	ug/l	98
15) Acrylonitrile	5.17	53	94906	124.279	ug/l	99
16) Acetone	3.96	43	72152	102.541	ug/l	99
17) Carbon Disulfide	4.19	76	165466	21.289	ug/l	99
18) Methyl Acetate	4.49	43	56313	25.739	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	163172	23.815	ug/l	93
20) Methylene Chloride	4.72	84	73184	24.273	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62276	22.354	ug/l	98
22) Diisopropyl ether	6.13	45	209126	24.012	ug/l	95
23) Vinyl Acetate	6.07	43	643441	117.035	ug/l	99
24) 1,1-Dichloroethane	6.03	63	111423	23.615	ug/l	97
25) 2-Butanone	7.00	43	125678	111.916	ug/l	98
26) 2,2-Dichloropropane	7.00	77	87855	20.375	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	70932	23.285	ug/l	99
28) Bromochloromethane	7.35	49	28056	16.064	ug/l	95
29) Tetrahydrofuran	7.36	42	83972	122.232	ug/l	98
30) Chloroform	7.52	83	110509	23.153	ug/l	96
31) Cyclohexane	7.79	56	102141	20.669	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	94702	22.263	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84853	20.884	ug/l	98
37) Ethyl Acetate	7.09	43	56719	23.513	ug/l	97
38) Carbon Tetrachloride	7.91	117	81486	20.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103668	19.749	ug/l	96
40) Benzene	8.17	78	260573	21.875	ug/l	100
41) Methacrylonitrile	7.35	41	38299m	28.460	ug/l	
42) 1,2-Dichloroethane	8.25	62	78085	23.112	ug/l	100
43) Isopropyl Acetate	8.28	43	104117	22.976	ug/l	99
44) Trichloroethene	8.94	130	67575	21.515	ug/l	99
45) 1,2-Dichloropropane	9.22	63	65045	22.186	ug/l	94
46) Dibromomethane	9.32	93	35779	22.190	ug/l	98
47) Bromodichloromethane	9.50	83	84721	22.144	ug/l	100
48) Methyl methacrylate	9.30	41	46638	23.556	ug/l	95
49) 1,4-Dioxane	9.31	88	9866	454.652	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	288636	119.802	ug/l	100
52) Toluene	10.25	92	164522	21.845	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89982	22.012	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	101136	21.596	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	52636	22.570	ug/l	92
56) Ethyl methacrylate	10.51	69	75571	22.863	ug/l	98
57) 1,3-Dichloropropane	10.79	76	94513	23.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	161296	107.939	ug/l	100
59) 2-Hexanone	10.83	43	196024	111.670	ug/l	100
60) Dibromochloromethane	10.99	129	57826	21.648	ug/l	99
61) 1,2-Dibromoethane	11.09	107	50256	22.413	ug/l	99
64) Tetrachloroethene	10.72	164	70263	21.593	ug/l	94
65) Chlorobenzene	11.52	112	171995	21.557	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	60898	22.008	ug/l	97
67) Ethyl Benzene	11.60	91	316514	21.555	ug/l	98
68) m/p-Xylenes	11.70	106	236564	41.625	ug/l	97
69) o-Xylene	12.03	106	112224	21.011	ug/l	98
70) Styrene	12.04	104	191192	20.904	ug/l	100
71) Bromoform	12.20	173	34000	21.363	ug/l #	99
73) Isopropylbenzene	12.33	105	297969	21.499	ug/l	100
74) N-amyl acetate	12.14	43	92274	23.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	64096	23.357	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	48141m	22.546	ug/l	
77) Bromobenzene	12.61	156	68119	21.674	ug/l	96
78) n-propylbenzene	12.67	91	364381	21.790	ug/l	99
79) 2-Chlorotoluene	12.75	91	204442	22.022	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	251532	21.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20119	21.126	ug/l	98
82) 4-Chlorotoluene	12.85	91	218762	22.733	ug/l	96
83) tert-Butylbenzene	13.07	119	210626	21.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	254947	22.183	ug/l	97
85) sec-Butylbenzene	13.25	105	304575	21.691	ug/l	99
86) p-Isopropyltoluene	13.37	119	267567	21.380	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	132019	21.446	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	132034	21.464	ug/l	98
89) n-Butylbenzene	13.69	91	265441	21.505	ug/l	99
90) Hexachloroethane	13.96	117	50037	21.628	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	124765	22.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11436	23.547	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	82890	21.796	ug/l	95
94) Hexachlorobutadiene	15.11	225	40770	20.797	ug/l	97
95) Naphthalene	15.23	128	194498	23.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	73746	21.614	ug/l	98

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

