

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000422.D
 Acq On : 25 Oct 2019 12:30
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:38:39 PM

Quant Time: Oct 26 02:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	208926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	344646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	110652	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.73	113	100855	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.18	98	396465	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.48	95	143750	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	41577	22.825	ug/l	93
3) Chloromethane	2.12	50	63533	24.886	ug/l	98
4) Vinyl Chloride	2.25	62	55223	21.433	ug/l	97
5) Bromomethane	2.63	94	34491	18.063	ug/l	95
6) Chloroethane	2.79	64	36731	22.094	ug/l	97
7) Trichlorofluoromethane	3.13	101	77772	22.067	ug/l	99
8) Diethyl Ether	3.54	74	26756	21.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48483	22.683	ug/l	98
10) Methyl Iodide	4.10	142	49283	16.990	ug/l	99
11) Tert butyl alcohol	4.98	59	23954	103.862	ug/l	96
12) 1,1-Dichloroethene	3.88	96	47586	22.552	ug/l	86
13) Acrolein	3.73	56	19011	70.308	ug/l	93
14) Allyl chloride	4.49	41	76948	22.005	ug/l	98
15) Acrylonitrile	5.18	53	77198	110.775	ug/l	98
16) Acetone	3.96	43	69514	97.400	ug/l	97
17) Carbon Disulfide	4.19	76	133076	20.030	ug/l	98
18) Methyl Acetate	4.49	43	37495	21.145	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	134355	22.873	ug/l	95
20) Methylene Chloride	4.72	84	56707	20.359	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	51998	21.479	ug/l	89
22) Diisopropyl ether	6.13	45	167279	22.618	ug/l	95
23) Vinyl Acetate	6.07	43	529989	109.844	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90685	22.464	ug/l	98
25) 2-Butanone	7.00	43	106528	105.959	ug/l	97
26) 2,2-Dichloropropane	6.99	77	82414	22.155	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58300	22.255	ug/l	100
28) Bromochloromethane	7.35	49	33287	19.208	ug/l	94
29) Tetrahydrofuran	7.36	42	64238	105.430	ug/l	99
30) Chloroform	7.52	83	91172	22.426	ug/l	93
31) Cyclohexane	7.79	56	89581	21.246	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	81494	22.547	ug/l	99
36) 1,1-Dichloropropene	7.93	75	73275	21.716	ug/l	99
37) Ethyl Acetate	7.08	43	42201	21.122	ug/l	98
38) Carbon Tetrachloride	7.91	117	71080	21.756	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92065	20.847	ug/l	93
40) Benzene	8.17	78	213659	21.911	ug/l	94
41) Methacrylonitrile	7.33	41	21491m	22.597	ug/l	
42) 1,2-Dichloroethane	8.24	62	61592	22.112	ug/l	99
43) Isopropyl Acetate	8.28	43	81922	21.564	ug/l	99
44) Trichloroethene	8.95	130	57345	20.959	ug/l	98
45) 1,2-Dichloropropane	9.22	63	53499	22.356	ug/l	93
46) Dibromomethane	9.31	93	28498	21.303	ug/l	99
47) Bromodichloromethane	9.50	83	69169	21.940	ug/l #	96
48) Methyl methacrylate	9.30	41	34553	20.753	ug/l	95
49) 1,4-Dioxane	9.30	88	8154	406.526	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	219326	111.933	ug/l	100
52) Toluene	10.25	92	136548	22.056	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	73822	21.849	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	86289	22.489	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	42261	21.728	ug/l	97
56) Ethyl methacrylate	10.51	69	59479	21.454	ug/l	96
57) 1,3-Dichloropropane	10.79	76	75589	22.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	134021	121.197	ug/l	99
59) 2-Hexanone	10.83	43	158755	115.429	ug/l	98
60) Dibromochloromethane	10.99	129	46459	21.550	ug/l	99
61) 1,2-Dibromoethane	11.09	107	41700	22.329	ug/l	97
64) Tetrachloroethene	10.72	164	58444	19.573	ug/l	96
65) Chlorobenzene	11.52	112	142508	21.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	50213	21.595	ug/l	98
67) Ethyl Benzene	11.60	91	262674	21.407	ug/l	98
68) m/p-Xylenes	11.70	106	198700	42.359	ug/l	98
69) o-Xylene	12.03	106	94418	21.099	ug/l	99
70) Styrene	12.05	104	161826	21.443	ug/l	99
71) Bromoform	12.21	173	28383	21.234	ug/l #	100
73) Isopropylbenzene	12.33	105	250753	21.422	ug/l	98
74) N-amyl acetate	12.14	43	73384	25.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51643	23.498	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	39373m	21.329	ug/l	
77) Bromobenzene	12.61	156	58106	22.308	ug/l	96
78) n-propylbenzene	12.67	91	308741	21.968	ug/l	100
79) 2-Chlorotoluene	12.75	91	172538	22.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	215171	21.922	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17330	20.540	ug/l	96
82) 4-Chlorotoluene	12.85	91	179669	21.899	ug/l	99
83) tert-Butylbenzene	13.08	119	184924	22.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212510	21.937	ug/l	100
85) sec-Butylbenzene	13.25	105	265030	22.041	ug/l	99
86) p-Isopropyltoluene	13.37	119	234752	22.393	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	115810	22.566	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	117003	22.809	ug/l	97
89) n-Butylbenzene	13.69	91	227853	21.995	ug/l	100
90) Hexachloroethane	13.96	117	42892	22.096	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	105643	22.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8833	21.191	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74900	23.163	ug/l	98
94) Hexachlorobutadiene	15.11	225	38498	21.999	ug/l	96
95) Naphthalene	15.23	128	164248	22.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	67265	23.081	ug/l	99

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

