

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002043.D
 Acq On : 24 Mar 2020 12:28
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:14:45 PM

Quant Time: Mar 24 19:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	153915	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	278265	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	251928	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	118780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	83552	50.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.73	113	78174	51.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.19	98	308402	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.49	95	112882	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	26551	18.688	ug/l	95
3) Chloromethane	2.12	50	37782	19.724	ug/l	99
4) Vinyl Chloride	2.26	62	38171	19.591	ug/l	91
5) Bromomethane	2.65	94	24591	17.845	ug/l	99
6) Chloroethane	2.80	64	24447	19.974	ug/l	93
7) Trichlorofluoromethane	3.14	101	54434	20.600	ug/l	98
8) Diethyl Ether	3.55	74	23035	22.118	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36287	21.351	ug/l	99
10) Methyl Iodide	4.10	142	38898	19.791	ug/l	99
11) Tert butyl alcohol	4.98	59	19363	99.659	ug/l	98
12) 1,1-Dichloroethene	3.88	96	36305	21.215	ug/l	92
13) Acrolein	3.74	56	18149	78.601	ug/l	99
14) Allyl chloride	4.49	41	64486	21.256	ug/l	99
15) Acrylonitrile	5.19	53	65814	118.262	ug/l	99
16) Acetone	3.97	43	55121	115.176	ug/l	98
17) Carbon Disulfide	4.21	76	107870	18.751	ug/l	98
18) Methyl Acetate	4.49	43	29383	23.895	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	106385	22.941	ug/l	99
20) Methylene Chloride	4.74	84	45447	22.157	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	40182	20.688	ug/l	96
22) Diisopropyl ether	6.13	45	137356	22.088	ug/l	98
23) Vinyl Acetate	6.08	43	457457	112.212	ug/l	98
24) 1,1-Dichloroethane	6.04	63	72040	21.392	ug/l	98
25) 2-Butanone	7.00	43	84136	115.604	ug/l	97
26) 2,2-Dichloropropane	7.00	77	59496	21.525	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	46099	21.819	ug/l	99
28) Bromochloromethane	7.35	49	34300	22.597	ug/l	100
29) Tetrahydrofuran	7.36	42	57010	117.960	ug/l	99
30) Chloroform	7.52	83	68698	21.713	ug/l	95
31) Cyclohexane	7.80	56	73240	20.284	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	58164	21.811	ug/l	97
36) 1,1-Dichloropropene	7.93	75	56302	21.026	ug/l	100
37) Ethyl Acetate	7.09	43	36106	23.200	ug/l	99
38) Carbon Tetrachloride	7.91	117	50303	21.991	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	73650	20.737	ug/l	96
40) Benzene	8.17	78	168254	21.199	ug/l	99
41) Methacrylonitrile	7.35	41	24711m	35.281	ug/l	
42) 1,2-Dichloroethane	8.25	62	45914	22.450	ug/l	100
43) Isopropyl Acetate	8.28	43	68002	23.079	ug/l	99
44) Trichloroethene	8.94	130	40727	21.070	ug/l	98
45) 1,2-Dichloropropane	9.22	63	43238	21.671	ug/l	100
46) Dibromomethane	9.31	93	23422	22.780	ug/l	98
47) Bromodichloromethane	9.50	83	53823	22.504	ug/l	97
48) Methyl methacrylate	9.30	41	29494	22.558	ug/l	95
49) 1,4-Dioxane	9.31	88	6560	465.629	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	178008	117.290	ug/l	100
52) Toluene	10.25	92	102173	21.191	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	58689	22.523	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	68067	21.943	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	33777	22.447	ug/l	97
56) Ethyl methacrylate	10.52	69	49639	22.507	ug/l	95
57) 1,3-Dichloropropane	10.80	76	60082	22.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	131846	159.348	ug/l	99
59) 2-Hexanone	10.84	43	129847	119.868	ug/l	100
60) Dibromochloromethane	10.99	129	36315	22.904	ug/l	97
61) 1,2-Dibromoethane	11.10	107	32755	22.981	ug/l	100
64) Tetrachloroethene	10.72	164	34534	21.859	ug/l	93
65) Chlorobenzene	11.52	112	106452	21.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36188	21.984	ug/l	98
67) Ethyl Benzene	11.60	91	195888	20.924	ug/l	98
68) m/p-Xylenes	11.70	106	146892	42.440	ug/l	99
69) o-Xylene	12.03	106	71041	21.777	ug/l	97
70) Styrene	12.05	104	119882	21.456	ug/l	100
71) Bromoform	12.21	173	20682	23.167	ug/l #	98
73) Isopropylbenzene	12.33	105	188529	20.792	ug/l	100
74) N-amyl acetate	12.14	43	61978	22.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	43361	22.176	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	29674m	21.054	ug/l	
77) Bromobenzene	12.61	156	42511	22.129	ug/l	94
78) n-propylbenzene	12.67	91	232189	20.756	ug/l	99
79) 2-Chlorotoluene	12.76	91	128119	20.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	156799	21.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15478	22.183	ug/l	97
82) 4-Chlorotoluene	12.86	91	135742	21.095	ug/l	99
83) tert-Butylbenzene	13.08	119	130443	21.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	156960	21.188	ug/l	98
85) sec-Butylbenzene	13.26	105	195171	21.357	ug/l	99
86) p-Isopropyltoluene	13.38	119	170174	21.587	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	80470	21.376	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	81135	21.245	ug/l	98
89) n-Butylbenzene	13.70	91	173429	21.205	ug/l	99
90) Hexachloroethane	13.97	117	31509	21.187	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	74286	21.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7054	23.119	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48510	21.872	ug/l	98
94) Hexachlorobutadiene	15.12	225	23252	21.503	ug/l	97
95) Naphthalene	15.24	128	116983	22.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	43990	22.514	ug/l	98

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

