

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003160.D
 Acq On : 10 Jul 2020 12:39
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:40 AM

Quant Time: Jul 10 13:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	468995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	675461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	623605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	329497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	404838	90.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.84%	
35) Dibromofluoromethane	7.72	113	402983	98.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.26%	
50) Toluene-d8	10.18	98	1460923	95.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.82%	
62) 4-Bromofluorobenzene	12.48	95	524516	97.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	309950	90.113	ug/l	97
3) Chloromethane	2.12	50	432882	84.678	ug/l	99
4) Vinyl Chloride	2.26	62	475459	95.854	ug/l	98
5) Bromomethane	2.64	94	345504	101.167	ug/l	97
6) Chloroethane	2.79	64	317070	99.776	ug/l	99
7) Trichlorofluoromethane	3.13	101	677916	96.674	ug/l	99
8) Diethyl Ether	3.54	74	234845	97.816	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	418271	99.525	ug/l	99
10) Methyl Iodide	4.10	142	532716	103.871	ug/l	99
11) Tert butyl alcohol	4.96	59	208010	453.306	ug/l	99
12) 1,1-Dichloroethene	3.88	96	394430	98.640	ug/l	100
13) Acrolein	3.73	56	176606	426.625	ug/l	99
14) Allyl chloride	4.49	41	612906	89.473	ug/l	99
15) Acrylonitrile	5.18	53	577754	472.484	ug/l	99
16) Acetone	3.96	43	462286	441.462	ug/l	98
17) Carbon Disulfide	4.20	76	1222174	96.222	ug/l	100
18) Methyl Acetate	4.48	43	256321	90.085	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1152793	99.625	ug/l	99
20) Methylene Chloride	4.72	84	441609	73.043	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	456279	100.448	ug/l	99
22) Diisopropyl ether	6.13	45	1373511	93.008	ug/l	98
23) Vinyl Acetate	6.07	43	4685324	476.756	ug/l	99
24) 1,1-Dichloroethane	6.03	63	776592	95.585	ug/l	100
25) 2-Butanone	6.99	43	776774	464.139	ug/l	97
26) 2,2-Dichloropropane	6.99	77	687562	93.181	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	505180	99.361	ug/l	100
28) Bromochloromethane	7.35	49	337348	94.603	ug/l	99
29) Tetrahydrofuran	7.35	42	523019	469.112	ug/l	99
30) Chloroform	7.52	83	794786	98.302	ug/l	100
31) Cyclohexane	7.79	56	706538	88.362	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	717820	97.464	ug/l	98
36) 1,1-Dichloropropene	7.93	75	625561	97.764	ug/l	100
37) Ethyl Acetate	7.08	43	357450	94.834	ug/l	98
38) Carbon Tetrachloride	7.91	117	662740	99.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	798701	100.683	ug/l	98
40) Benzene	8.16	78	1754791	100.125	ug/l	97
41) Methacrylonitrile	7.33	41	221984m	110.518	ug/l	
42) 1,2-Dichloroethane	8.24	62	534421	97.048	ug/l	99
43) Isopropyl Acetate	8.28	43	677592	94.515	ug/l	99
44) Trichloroethene	8.94	130	526177	102.417	ug/l	98
45) 1,2-Dichloropropane	9.22	63	451724	96.223	ug/l	100
46) Dibromomethane	9.31	93	266071	100.874	ug/l	99
47) Bromodichloromethane	9.50	83	640104	99.588	ug/l	100
48) Methyl methacrylate	9.30	41	312593	95.787	ug/l	98
49) 1,4-Dioxane	9.30	88	70317	2158.694	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	1797603	484.160	ug/l	100
52) Toluene	10.24	92	1123159	101.450	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	676839	100.608	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	768677	99.909	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	374091	102.426	ug/l	99
56) Ethyl methacrylate	10.51	69	541522	103.012	ug/l	99
57) 1,3-Dichloropropane	10.79	76	639786	99.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1310986	491.904	ug/l	100
59) 2-Hexanone	10.83	43	1261947	486.858	ug/l	100
60) Dibromochloromethane	10.99	129	487510	104.047	ug/l	100
61) 1,2-Dibromoethane	11.09	107	371359	102.736	ug/l	100
64) Tetrachloroethene	10.72	164	566338	107.768	ug/l	98
65) Chlorobenzene	11.52	112	1232455	101.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	486333	102.864	ug/l	100
67) Ethyl Benzene	11.59	91	2258672	101.847	ug/l	99
68) m/p-Xylenes	11.70	106	1701472	206.251	ug/l	99
69) o-Xylene	12.03	106	803580	103.277	ug/l	99
70) Styrene	12.04	104	1394539	104.875	ug/l	99
71) Bromoform	12.20	173	325975	103.764	ug/l	100
73) Isopropylbenzene	12.33	105	2182120	102.329	ug/l	100
74) N-amyl acetate	12.14	43	651021	96.057	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	422051	98.880	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	296046m	93.462	ug/l	
77) Bromobenzene	12.61	156	552628	101.192	ug/l	99
78) n-propylbenzene	12.67	91	2570719	100.484	ug/l	100
79) 2-Chlorotoluene	12.75	91	1423942	99.740	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1806539	101.075	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	162795	99.884	ug/l	96
82) 4-Chlorotoluene	12.85	91	1477673	99.468	ug/l	100
83) tert-Butylbenzene	13.07	119	1596562	101.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1824942	101.294	ug/l	98
85) sec-Butylbenzene	13.25	105	2172932	100.463	ug/l	100
86) p-Isopropyltoluene	13.37	119	2049194	102.117	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1046214	102.582	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1003851	99.839	ug/l	99
89) n-Butylbenzene	13.69	91	1899067	99.182	ug/l	99
90) Hexachloroethane	13.96	117	384940	97.658	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	905136	99.349	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	65509	88.657	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	634626	94.376	ug/l	99
94) Hexachlorobutadiene	15.11	225	426336	99.334	ug/l	99
95) Naphthalene	15.23	128	1087754	90.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	507163	88.426	ug/l	98

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

