

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003004.D
 Acq On : 29 Jun 2020 13:03
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:12 PM

Quant Time: Jun 30 04:08:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	479094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	702743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	642945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	684822	143.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.84%	
35) Dibromofluoromethane	7.72	113	643782	146.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.70%	
50) Toluene-d8	10.18	98	2421364	148.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.52%	
62) 4-Bromofluorobenzene	12.48	95	837606	145.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	508228	140.072	ug/l	98
3) Chloromethane	2.12	50	680131	128.007	ug/l	99
4) Vinyl Chloride	2.26	62	735517	141.917	ug/l	96
5) Bromomethane	2.63	94	522683	148.536	ug/l	97
6) Chloroethane	2.79	64	467459	141.784	ug/l	97
7) Trichlorofluoromethane	3.13	101	1024732	140.085	ug/l	99
8) Diethyl Ether	3.53	74	339680	135.453	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	607930	139.186	ug/l	100
10) Methyl Iodide	4.10	142	804965	148.627	ug/l	99
11) Tert butyl alcohol	4.97	59	276703	570.601	ug/l	100
12) 1,1-Dichloroethene	3.88	96	585352	140.852	ug/l	96
13) Acrolein	3.73	56	268995	617.613	ug/l	99
14) Allyl chloride	4.49	41	1055323	145.445	ug/l	98
15) Acrylonitrile	5.18	53	847327	655.605	ug/l	100
16) Acetone	3.95	43	736089	655.905	ug/l	99
17) Carbon Disulfide	4.20	76	1863149	140.320	ug/l	99
18) Methyl Acetate	4.48	43	386119	127.705	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1690752	139.573	ug/l	100
20) Methylene Chloride	4.72	84	660027	105.373	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	661412	140.703	ug/l	96
22) Diisopropyl ether	6.13	45	2212466	142.267	ug/l	98
23) Vinyl Acetate	6.07	43	7212362	693.680	ug/l	100
24) 1,1-Dichloroethane	6.03	63	1209460	142.371	ug/l	99
25) 2-Butanone	6.99	43	1142266	640.750	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1063095	137.737	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	750459	142.334	ug/l	99
28) Bromochloromethane	7.34	49	561534	148.560	ug/l	97
29) Tetrahydrofuran	7.35	42	757389	638.877	ug/l	100
30) Chloroform	7.52	83	1185813	140.900	ug/l	97
31) Cyclohexane	7.79	56	1102582	131.748	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	1084234	141.139	ug/l	100
36) 1,1-Dichloropropene	7.93	75	956683	141.331	ug/l	99
37) Ethyl Acetate	7.08	43	522617	128.409	ug/l	100
38) Carbon Tetrachloride	7.91	117	996348	141.470	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1176812	140.218	ug/l	98
40) Benzene	8.16	78	2625281	141.662	ug/l	98
41) Methacrylonitrile	7.32	41	280390m	56.168	ug/l	
42) 1,2-Dichloroethane	8.24	62	814206	138.880	ug/l	99
43) Isopropyl Acetate	8.28	43	1044343	134.977	ug/l	99
44) Trichloroethene	8.94	130	764751	141.978	ug/l	98
45) 1,2-Dichloropropane	9.22	63	701435	140.687	ug/l	97
46) Dibromomethane	9.31	93	378326	135.862	ug/l	99
47) Bromodichloromethane	9.50	83	965586	141.612	ug/l	98
48) Methyl methacrylate	9.30	41	482562	137.023	ug/l	99
49) 1,4-Dioxane	9.30	88	89994	2647.496	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	2601233	650.469	ug/l	100
52) Toluene	10.24	92	1650159	141.451	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1017928	142.392	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	1160323	141.923	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	527786	136.396	ug/l	97
56) Ethyl methacrylate	10.51	69	771806	137.790	ug/l	97
57) 1,3-Dichloropropane	10.79	76	931816	137.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	2087437	726.631	ug/l	100
59) 2-Hexanone	10.83	43	1784755	638.514	ug/l	99
60) Dibromochloromethane	10.99	129	687804	138.896	ug/l	100
61) 1,2-Dibromoethane	11.09	107	514685	134.918	ug/l	99
64) Tetrachloroethene	10.72	164	775528	142.520	ug/l	98
65) Chlorobenzene	11.52	112	1793414	141.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	712730	143.996	ug/l	100
67) Ethyl Benzene	11.59	91	3327188	143.457	ug/l	99
68) m/p-Xylenes	11.70	106	2480104	287.316	ug/l	100
69) o-Xylene	12.03	106	1166003	143.347	ug/l	99
70) Styrene	12.04	104	2016712	145.127	ug/l	100
71) Bromoform	12.20	173	449438	136.176	ug/l	99
73) Isopropylbenzene	12.33	105	3137736	148.397	ug/l	99
74) N-amyl acetate	12.14	43	953942	138.586	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	577684	135.385	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	433222m	78.450	ug/l	
77) Bromobenzene	12.61	156	792783	146.233	ug/l	98
78) n-propylbenzene	12.67	91	3685431	144.931	ug/l	100
79) 2-Chlorotoluene	12.75	91	2071135	145.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2597912	146.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	229872	139.870	ug/l	96
82) 4-Chlorotoluene	12.85	91	2154623	145.799	ug/l	100
83) tert-Butylbenzene	13.08	119	2247804	144.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2603308	145.608	ug/l	100
85) sec-Butylbenzene	13.25	105	3076339	143.257	ug/l	100
86) p-Isopropyltoluene	13.37	119	2893421	145.409	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1477816	146.008	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1415499	141.826	ug/l	99
89) n-Butylbenzene	13.70	91	2695815	141.598	ug/l	99
90) Hexachloroethane	13.96	117	572362	144.856	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	1276761	140.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	97233	128.725	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	935618	138.654	ug/l	100
94) Hexachlorobutadiene	15.11	225	590234	138.672	ug/l	99
95) Naphthalene	15.23	128	1660978	134.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	812724	138.704	ug/l	99

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

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