

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002458.D
 Acq On : 23 Apr 2020 12:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:33:35 PM

Quant Time: Apr 23 13:13:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	302794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	444498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	406172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	211303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	237785	89.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.30%	
35) Dibromofluoromethane	7.75	113	225629	89.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.38%	
50) Toluene-d8	10.20	98	886831	87.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.96%	
62) 4-Bromofluorobenzene	12.50	95	296471	87.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	212188	94.757	ug/l	98
3) Chloromethane	2.13	50	264674	92.508	ug/l	98
4) Vinyl Chloride	2.27	62	215981	108.073	ug/l	97
5) Bromomethane	2.66	94	160702	148.923	ug/l	93
6) Chloroethane	2.81	64	130989	124.815	ug/l	96
7) Trichlorofluoromethane	3.15	101	312641	86.253	ug/l	100
8) Diethyl Ether	3.55	74	85213	57.471	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.93	101	227659	90.909	ug/l	99
10) Methyl Iodide	4.12	142	387272	99.801	ug/l	100
11) Tert butyl alcohol	5.00	59	108205	438.773	ug/l	99
12) 1,1-Dichloroethene	3.90	96	222981	87.023	ug/l	95
13) Acrolein	3.76	56	72297	380.825	ug/l	99
14) Allyl chloride	4.51	41	365183	95.790	ug/l	99
15) Acrylonitrile	5.21	53	343561	479.918	ug/l	99
16) Acetone	3.97	43	272912	512.494	ug/l	99
17) Carbon Disulfide	4.22	76	793404	98.296	ug/l	100
18) Methyl Acetate	4.51	43	162577	91.750	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	678752	97.934	ug/l	99
20) Methylene Chloride	4.75	84	268702	82.586	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	278317	94.889	ug/l	93
22) Diisopropyl ether	6.16	45	681733	89.998	ug/l	99
23) Vinyl Acetate	6.10	43	2258604	475.375	ug/l	100
24) 1,1-Dichloroethane	6.05	63	431548	93.965	ug/l	99
25) 2-Butanone	7.02	43	393632	473.035	ug/l	99
26) 2,2-Dichloropropane	7.02	77	419787	96.080	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	303514	95.188	ug/l	99
28) Bromochloromethane	7.36	49	159178	88.176	ug/l	98
29) Tetrahydrofuran	7.38	42	263125	474.813	ug/l	99
30) Chloroform	7.54	83	454984	93.236	ug/l	99
31) Cyclohexane	7.81	56	403590	86.761	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	449610	98.139	ug/l	100
36) 1,1-Dichloropropene	7.94	75	362036	94.901	ug/l	100
37) Ethyl Acetate	7.11	43	181455	96.445	ug/l	100
38) Carbon Tetrachloride	7.92	117	428433	98.247	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	475969	96.021	ug/l	98
40) Benzene	8.19	78	1047163	95.121	ug/l	99
41) Methacrylonitrile	7.36	41	114073m	50.363	ug/l	
42) 1,2-Dichloroethane	8.27	62	307973	96.650	ug/l	99
43) Isopropyl Acetate	8.30	43	344658	98.177	ug/l	99
44) Trichloroethene	8.96	130	327941	95.033	ug/l	97
45) 1,2-Dichloropropane	9.24	63	236470	93.084	ug/l	95
46) Dibromomethane	9.33	93	143722	97.494	ug/l	99
47) Bromodichloromethane	9.52	83	355690	96.262	ug/l	97
48) Methyl methacrylate	9.31	41	156725	97.986	ug/l	98
49) 1,4-Dioxane	9.31	88	34691	1870.567	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	880460	483.958	ug/l	100
52) Toluene	10.26	92	675381	95.682	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	388759	101.161	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	429094	96.783	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	208699	95.596	ug/l	97
56) Ethyl methacrylate	10.52	69	283270	95.963	ug/l	98
57) 1,3-Dichloropropane	10.81	76	353119	95.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	670557	465.084	ug/l	99
59) 2-Hexanone	10.84	43	622959	494.914	ug/l	99
60) Dibromochloromethane	11.00	129	278019	97.725	ug/l	99
61) 1,2-Dibromoethane	11.10	107	206616	95.652	ug/l	100
64) Tetrachloroethene	10.74	164	352092	94.267	ug/l	97
65) Chlorobenzene	11.53	112	756119	96.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	288046	98.657	ug/l	100
67) Ethyl Benzene	11.61	91	1360984	98.022	ug/l	100
68) m/p-Xylenes	11.72	106	1045801	195.532	ug/l	99
69) o-Xylene	12.04	106	483181	96.456	ug/l	100
70) Styrene	12.06	104	843949	97.091	ug/l	99
71) Bromoform	12.22	173	180961	99.003	ug/l #	100
73) Isopropylbenzene	12.34	105	1345422	98.233	ug/l	99
74) N-amyl acetate	12.16	43	311329	97.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	198523	95.118	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	174600m	59.845	ug/l	
77) Bromobenzene	12.62	156	332112	96.625	ug/l	99
78) n-propylbenzene	12.69	91	1552307	97.352	ug/l	100
79) 2-Chlorotoluene	12.77	91	845304	97.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	1130926	96.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	91184	98.196	ug/l	97
82) 4-Chlorotoluene	12.87	91	879714	95.832	ug/l	99
83) tert-Butylbenzene	13.09	119	986299	96.049	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	1135649	97.681	ug/l	99
85) sec-Butylbenzene	13.27	105	1342171	95.725	ug/l	100
86) p-Isopropyltoluene	13.38	119	1282770	96.660	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	631128	96.175	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	620869	95.542	ug/l	100
89) n-Butylbenzene	13.71	91	1121098	92.349	ug/l	99
90) Hexachloroethane	13.97	117	226618	95.559	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	554863	94.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	39551	95.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	405397	93.214	ug/l	99
94) Hexachlorobutadiene	15.12	225	239744	90.676	ug/l	99
95) Naphthalene	15.25	128	777507	98.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	347831	94.935	ug/l	100

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

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