

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000269.D
 Acq On : 11 Oct 2019 14:15
 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
 10/15/2019 12:33:49 PM

Quant Time: Oct 14 07:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	457002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201280	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	285523	99.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	199.00%	
35) Dibromofluoromethane	7.74	113	264388	95.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	191.82%	
50) Toluene-d8	10.19	98	1084030	102.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	204.46%	
62) 4-Bromofluorobenzene	12.48	95	388660	96.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	192.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	208910	86.133	ug/l	98
3) Chloromethane	2.11	50	292690	88.049	ug/l	98
4) Vinyl Chloride	2.25	62	314920	93.871	ug/l	99
5) Bromomethane	2.63	94	211055	83.901	ug/l	98
6) Chloroethane	2.79	64	208498	96.322	ug/l	100
7) Trichlorofluoromethane	3.13	101	433095	94.377	ug/l	99
8) Diethyl Ether	3.53	74	160323	98.894	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	269133	96.705	ug/l	98
10) Methyl Iodide	4.10	142	417689	114.976	ug/l	99
11) Tert butyl alcohol	4.97	59	143884	478.937	ug/l	99
12) 1,1-Dichloroethene	3.88	96	265389	96.594	ug/l	95
13) Acrolein	3.74	56	181800	516.378	ug/l	98
14) Allyl chloride	4.49	41	453501	99.604	ug/l	98
15) Acrylonitrile	5.18	53	454397	500.774	ug/l	98
16) Acetone	3.96	43	482511	519.235	ug/l	94
17) Carbon Disulfide	4.19	76	831126	96.079	ug/l	98
18) Methyl Acetate	4.49	43	228292	98.876	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	766653	100.238	ug/l	99
20) Methylene Chloride	4.72	84	301398	79.093	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	304188	96.501	ug/l	92
22) Diisopropyl ether	6.13	45	1005891	104.456	ug/l	95
23) Vinyl Acetate	6.07	43	3332443	530.446	ug/l	100
24) 1,1-Dichloroethane	6.03	63	518519	98.647	ug/l	99
25) 2-Butanone	7.00	43	669951	511.784	ug/l	97
26) 2,2-Dichloropropane	6.99	77	458845	94.735	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	338269	99.173	ug/l	100
28) Bromochloromethane	7.35	49	240230	106.463	ug/l	99
29) Tetrahydrofuran	7.36	42	411579	518.796	ug/l	99
30) Chloroform	7.52	83	523091	98.818	ug/l	98
31) Cyclohexane	7.80	56	514238	93.669	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	470795	100.039	ug/l	99
36) 1,1-Dichloropropene	7.93	75	425794	95.163	ug/l	98
37) Ethyl Acetate	7.09	43	262991	99.267	ug/l	98
38) Carbon Tetrachloride	7.91	117	414993	95.792	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	557880	95.266	ug/l	97
40) Benzene	8.17	78	1245810	96.348	ug/l	100
41) Methacrylonitrile	7.33	41	127170m	109.284	ug/l	
42) 1,2-Dichloroethane	8.25	62	353424	95.687	ug/l	99
43) Isopropyl Acetate	8.28	43	500485	99.352	ug/l	99
44) Trichloroethene	8.95	130	333246	91.852	ug/l	95
45) 1,2-Dichloropropane	9.23	63	310396	97.819	ug/l	98
46) Dibromomethane	9.32	93	173628	97.882	ug/l	97
47) Bromodichloromethane	9.50	83	412001	98.554	ug/l	98
48) Methyl methacrylate	9.30	41	226667	102.671	ug/l	98
49) 1,4-Dioxane	9.31	88	52456	1972.277	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1335574	514.035	ug/l	99
52) Toluene	10.25	92	800681	97.532	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	455029	101.565	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	515826	101.383	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	254509	98.681	ug/l	95
56) Ethyl methacrylate	10.52	69	384768	104.666	ug/l	99
57) 1,3-Dichloropropane	10.80	76	439802	99.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	791779	539.982	ug/l	98
59) 2-Hexanone	10.84	43	962024	527.506	ug/l	99
60) Dibromochloromethane	10.99	129	294056	102.866	ug/l	97
61) 1,2-Dibromoethane	11.09	107	246713	99.626	ug/l	99
64) Tetrachloroethene	10.72	164	355622	91.398	ug/l	98
65) Chlorobenzene	11.52	112	839699	97.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	296233	97.768	ug/l	99
67) Ethyl Benzene	11.59	91	1558073	97.442	ug/l	99
68) m/p-Xylenes	11.70	106	1193853	195.310	ug/l	97
69) o-Xylene	12.03	106	567350	97.295	ug/l	100
70) Styrene	12.05	104	1001726	101.861	ug/l	99
71) Bromoform	12.21	173	182673	104.876	ug/l	100
73) Isopropylbenzene	12.33	105	1558530	99.304	ug/l	100
74) N-amyl acetate	12.14	43	435234	112.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	308877	104.820	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	251590m	62.526	ug/l	
77) Bromobenzene	12.61	156	334238	95.705	ug/l	97
78) n-propylbenzene	12.67	91	1881320	99.838	ug/l	99
79) 2-Chlorotoluene	12.76	91	1032858	99.250	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1289349	97.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	123967	109.587	ug/l	98
82) 4-Chlorotoluene	12.86	91	1100262	100.021	ug/l	99
83) tert-Butylbenzene	13.08	119	1088472	97.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1285455	98.968	ug/l	99
85) sec-Butylbenzene	13.25	105	1583965	98.248	ug/l	100
86) p-Isopropyltoluene	13.37	119	1396666	99.368	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	659146	95.793	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	667908	97.113	ug/l	97
89) n-Butylbenzene	13.70	91	1398721	100.702	ug/l	99
90) Hexachloroethane	13.96	117	266706	102.473	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	606615	97.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	57034	102.052	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	399467	92.137	ug/l	99
94) Hexachlorobutadiene	15.11	225	211243	90.033	ug/l	99
95) Naphthalene	15.23	128	932445	96.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	365197	93.462	ug/l	99

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

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