

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000270.D
 Acq On : 11 Oct 2019 14:38
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 12:33:53 PM

Quant Time: Oct 14 08:10:03 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	286514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	487568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	444365	147.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.06%	
35) Dibromofluoromethane	7.73	113	411681	139.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.96%	
50) Toluene-d8	10.19	98	1703269	150.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.10%	
62) 4-Bromofluorobenzene	12.48	95	608734	141.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	316741	123.990	ug/l	100
3) Chloromethane	2.12	50	441407	126.076	ug/l	98
4) Vinyl Chloride	2.25	62	483380	136.803	ug/l	99
6) Chloroethane	2.78	64	318826	139.846	ug/l	100
7) Trichlorofluoromethane	3.12	101	654905	135.500	ug/l	98
8) Diethyl Ether	3.54	74	234221	137.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	402043	137.161	ug/l	99
10) Methyl Iodide	4.09	142	624175	163.130	ug/l	100
11) Tert butyl alcohol	4.97	59	206345	652.132	ug/l	100
12) 1,1-Dichloroethene	3.87	96	408783	141.266	ug/l	96
13) Acrolein	3.74	56	266749	719.369	ug/l	99
14) Allvl chloride	4.49	41	703874	146.781	ug/l	97
15) Acrylonitrile	5.18	53	687970	719.865	ug/l	99
16) Acetone	3.96	43	706831	722.184	ug/l	98
17) Carbon Disulfide	4.19	76	1289015	141.480	ug/l	100
18) Methyl Acetate	4.49	43	332212	136.612	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	1163416	144.425	ug/l	99
20) Methylene Chloride	4.72	84	455641	113.526	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	466570	140.535	ug/l	95
22) Diisopropyl ether	6.13	45	1535127	151.357	ug/l	97
23) Vinyl Acetate	6.07	43	5069000	766.084	ug/l	99
24) 1,1-Dichloroethane	6.03	63	803202	145.084	ug/l	99
25) 2-Butanone	7.00	43	989351	717.579	ug/l	100
26) 2,2-Dichloropropane	6.99	77	702426	137.695	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	518287	144.271	ug/l	99
28) Bromochloromethane	7.35	49	365523	153.803	ug/l	98
29) Tetrahydrofuran	7.36	42	602585	721.169	ug/l	99
30) Chloroform	7.52	83	797542	143.051	ug/l	99
31) Cyclohexane	7.79	56	788550	136.376	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	706748	142.587	ug/l	99
36) 1,1-Dichloropropene	7.93	75	638867	133.833	ug/l	99
37) Ethyl Acetate	7.08	43	389060	137.645	ug/l	98
38) Carbon Tetrachloride	7.91	117	626106	135.463	ug/l	95
39) Methylcyclohexane	9.19	83	853929	136.678	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.17	78	1891568	137.119	ug/l	100
41) Methacrylonitrile	7.33	41	200633m	161.605	ug/l	
42) 1,2-Dichloroethane	8.25	62	527693	133.913	ug/l	99
43) Isopropyl Acetate	8.28	43	739372	137.572	ug/l	99
44) Trichloroethene	8.95	130	499902	129.150	ug/l	96
45) 1,2-Dichloropropane	9.22	63	469156	138.583	ug/l	98
46) Dibromomethane	9.32	93	260060	137.417	ug/l	95
47) Bromodichloromethane	9.50	83	622213	139.508	ug/l	98
48) Methyl methacrylate	9.30	41	334397	141.973	ug/l	97
49) 1,4-Dioxane	9.31	88	75649	2665.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1941819	700.514	ug/l	98
52) Toluene	10.25	92	1233552	140.841	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	686017	143.523	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	774434	142.669	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	378629	137.602	ug/l	99
56) Ethyl methacrylate	10.52	69	582413	148.497	ug/l	98
57) 1,3-Dichloropropane	10.80	76	657957	139.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1169265	747.430	ug/l	98
59) 2-Hexanone	10.84	43	1385391	712.027	ug/l	100
60) Dibromochloromethane	10.99	129	432653	141.861	ug/l	99
61) 1,2-Dibromoethane	11.10	107	367389	139.056	ug/l	99
64) Tetrachloroethene	10.72	164	513683	123.771	ug/l	98
65) Chlorobenzene	11.52	112	1258439	136.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	441389	136.572	ug/l	99
67) Ethyl Benzene	11.60	91	2352045	137.906	ug/l	99
68) m/p-Xylenes	11.71	106	1789164	274.410	ug/l	98
69) o-Xylene	12.03	106	849919	136.645	ug/l	99
70) Stvrene	12.05	104	1515452	144.469	ug/l	99
71) Bromoform	12.21	173	272428	146.632	ug/l	100
73) Isopropylbenzene	12.33	105	2342076	141.928	ug/l	100
74) N-amyl acetate	12.14	43	639834	157.939	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	443600	143.175	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	361072m	85.345	ug/l	
77) Bromobenzene	12.61	156	489868	133.406	ug/l	96
78) n-propylbenzene	12.67	91	2816236	142.142	ug/l	99
79) 2-Chlorotoluene	12.76	91	1538119	140.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1907946	137.885	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	179212	150.674	ug/l	97
82) 4-Chlorotoluene	12.86	91	1633124	141.198	ug/l	100
83) tert-Butylbenzene	13.08	119	1615481	137.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1908393	139.740	ug/l	99
85) sec-Butylbenzene	13.25	105	2381424	140.485	ug/l	100
86) p-Isopropyltoluene	13.37	119	2063380	139.621	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	958952	132.546	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	965693	133.541	ug/l	99
89) n-Butylbenzene	13.70	91	2103458	144.031	ug/l	99
90) Hexachloroethane	13.96	117	390678	142.763	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	885844	135.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	80497	136.989	ug/l	95
93) 1,2,4-Trichlorobenzene	15.01	180	595611	130.657	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	311099	126.106	ug/l	100
95) Naphthalene	15.23	128	1374061	135.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	543468	132.281	ug/l	100

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

