

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000248.D
 Acq On : 09 Oct 2019 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:47 AM

Quant Time: Oct 10 02:06:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184113	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	155741	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.73	113	126131	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.19	98	487014	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.49	95	176753	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	121603	49.470	ug/l	98
3) Chloromethane	2.12	50	160161	47.845	ug/l	99
4) Vinyl Chloride	2.25	62	165822	47.979	ug/l	100
5) Bromomethane	2.63	94	104240	47.802	ug/l	100
6) Chloroethane	2.79	64	104510	47.875	ug/l	94
7) Trichlorofluoromethane	3.13	101	218227	48.860	ug/l	98
8) Diethyl Ether	3.54	74	92838	45.463	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	126811	48.631	ug/l	99
10) Methyl Iodide	4.10	142	207618	49.031	ug/l	98
11) Tert butyl alcohol	4.97	59	424001	246.449	ug/l	99
12) 1,1-Dichloroethene	3.87	96	131239	48.479	ug/l	95
13) Acrolein	3.74	56	186193	206.174	ug/l	99
14) Allyl chloride	4.49	41	213933	46.899	ug/l	98
15) Acrylonitrile	5.18	53	735743	242.260	ug/l	99
16) Acetone	3.96	43	650066	259.184	ug/l	97
17) Carbon Disulfide	4.19	76	371035	46.503	ug/l	100
18) Methyl Acetate	4.49	43	339156	49.343	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	489093	49.384	ug/l	97
20) Methylene Chloride	4.72	84	149889	45.490	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	145760	47.863	ug/l	98
22) Diisopropyl ether	6.13	45	519985	49.202	ug/l	97
23) Vinyl Acetate	6.07	43	2419898	231.701	ug/l	99
24) 1,1-Dichloroethane	6.04	63	263744	48.926	ug/l	98
25) 2-Butanone	7.00	43	1209991	260.776	ug/l	99
26) 2,2-Dichloropropane	6.99	77	220865	45.388	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	168145	46.874	ug/l	100
28) Bromochloromethane	7.35	49	93150	52.499	ug/l	100
29) Tetrahydrofuran	7.36	42	833546	254.367	ug/l	100
30) Chloroform	7.52	83	266788	47.688	ug/l	97
31) Cyclohexane	7.79	56	248499	45.639	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	233964	49.191	ug/l	99
36) 1,1-Dichloropropene	7.93	75	198254	47.641	ug/l	100
37) Ethyl Acetate	7.09	43	379883	50.496	ug/l	100
38) Carbon Tetrachloride	7.91	117	203983	50.293	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	253452	48.549	ug/l	97
40) Benzene	8.17	78	625624	49.560	ug/l	99
41) Methacrylonitrile	7.35	41	336006m	56.745	ug/l	
42) 1,2-Dichloroethane	8.25	62	210962	51.450	ug/l	99
43) Isopropyl Acetate	8.28	43	493649	50.979	ug/l	99
44) Trichloroethene	8.95	130	168348	49.178	ug/l	96
45) 1,2-Dichloropropane	9.22	63	157312	49.752	ug/l	100
46) Dibromomethane	9.32	93	108111	48.772	ug/l	98
47) Bromodichloromethane	9.50	83	217139	50.078	ug/l	95
48) Methyl methacrylate	9.30	41	220078	50.352	ug/l	98
49) 1,4-Dioxane	9.31	88	116930	1042.169	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	1949929	267.943	ug/l	99
52) Toluene	10.25	92	397920	49.146	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	250760	50.975	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	259739	48.797	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	161080	50.455	ug/l	99
56) Ethyl methacrylate	10.52	69	286302	50.937	ug/l	96
57) 1,3-Dichloropropane	10.80	76	273013	50.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	687149	274.274	ug/l	100
59) 2-Hexanone	10.84	43	1689845	262.310	ug/l	98
60) Dibromochloromethane	10.99	129	173715	51.463	ug/l	98
61) 1,2-Dibromoethane	11.10	107	171024	50.432	ug/l	99
64) Tetrachloroethene	10.72	164	168896	48.933	ug/l	96
65) Chlorobenzene	11.52	112	412155	47.100	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	155204	49.611	ug/l	99
67) Ethyl Benzene	11.60	91	753822	48.189	ug/l	99
68) m/p-Xylenes	11.70	106	583162	97.701	ug/l	99
69) o-Xylene	12.03	106	285079	49.576	ug/l	96
70) Styrene	12.05	104	489865	49.457	ug/l	99
71) Bromoform	12.21	173	132684	51.399	ug/l #	98
73) Isopropylbenzene	12.33	105	747994	47.944	ug/l	99
74) N-amyl acetate	12.14	43	400231	48.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	257225	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	250241m	51.480	ug/l	
77) Bromobenzene	12.61	156	171887	46.983	ug/l	99
78) n-propylbenzene	12.67	91	880884	48.339	ug/l	98
79) 2-Chlorotoluene	12.76	91	500373	47.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	632120	48.558	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	114642	45.843	ug/l #	90
82) 4-Chlorotoluene	12.86	91	517065	48.656	ug/l	99
83) tert-Butylbenzene	13.08	119	528766	46.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	633371	48.697	ug/l	100
85) sec-Butylbenzene	13.25	105	757755	48.587	ug/l	99
86) p-Isopropyltoluene	13.37	119	668790	48.765	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	317399	47.868	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	328237	47.525	ug/l	99
89) n-Butylbenzene	13.70	91	634693	49.105	ug/l	99
90) Hexachloroethane	13.96	117	127343	49.087	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	317387	47.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	84859	47.215	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.01	180	212771	46.694	ug/l	99
94) Hexachlorobutadiene	15.11	225	99660	45.767	ug/l	99
95) Naphthalene	15.23	128	835428	48.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	212485	48.478	ug/l	99

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

