

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000184.D
 Acq On : 03 Oct 2019 14:57
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:50:51 PM

Quant Time: Oct 04 05:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	404210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	600763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	538328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	277686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	92696	21.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.88%	
35) Dibromofluoromethane	7.72	113	82806	22.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.44%	
50) Toluene-d8	10.18	98	325683	22.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.86%	
62) 4-Bromofluorobenzene	12.49	95	116640	23.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	69651	25.881	ug/l	94
3) Chloromethane	2.12	50	79300	28.433	ug/l	100
4) Vinyl Chloride	2.25	62	85870	28.395	ug/l	99
5) Bromomethane	2.64	94	62783	31.786	ug/l	98
6) Chloroethane	2.79	64	54011	25.634	ug/l	97
7) Trichlorofluoromethane	3.13	101	124748	25.848	ug/l	98
8) Diethyl Ether	3.53	74	47903	22.428	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74299	24.352	ug/l	98
10) Methyl Iodide	4.09	142	121128	29.218	ug/l	100
11) Tert butyl alcohol	4.96	59	210639	104.021	ug/l	99
12) 1,1-Dichloroethene	3.87	96	75243	26.231	ug/l	91
13) Acrolein	3.72	56	83619	95.848	ug/l	97
14) Allyl chloride	4.48	41	98235	24.581	ug/l	97
15) Acrylonitrile	5.18	53	339418	104.354	ug/l	99
16) Acetone	3.95	43	202779	75.127	ug/l	97
17) Carbon Disulfide	4.19	76	207164	35.852	ug/l #	94
18) Methyl Acetate	4.48	43	146195	19.391	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	236655	20.442	ug/l	95
20) Methylene Chloride	4.71	84	79530	22.508	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	79288	25.628	ug/l	90
22) Diisopropyl ether	6.12	45	219917	20.747	ug/l	95
23) Vinyl Acetate	6.07	43	1005582	110.328	ug/l	99
24) 1,1-Dichloroethane	6.02	63	125727	22.168	ug/l	97
25) 2-Butanone	6.99	43	444594	92.648	ug/l	99
26) 2,2-Dichloropropane	6.99	77	121732	22.065	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	91074	22.386	ug/l	99
28) Bromochloromethane	7.34	49	39266	17.596	ug/l	96
29) Tetrahydrofuran	7.35	42	343766	107.369	ug/l	99
30) Chloroform	7.51	83	137925	21.229	ug/l	95
31) Cyclohexane	7.79	56	124368	29.913	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	127756	23.047	ug/l	98
36) 1,1-Dichloropropene	7.93	75	105210	26.740	ug/l	99
37) Ethyl Acetate	7.08	43	155044	21.081	ug/l	98
38) Carbon Tetrachloride	7.91	117	118999	24.670	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	140770	30.317	ug/l	96
40) Benzene	8.17	78	316921	24.289	ug/l	97
41) Methacrylonitrile	7.33	41	73799m	21.165	ug/l	
42) 1,2-Dichloroethane	8.24	62	101176	22.302	ug/l	100
43) Isopropyl Acetate	8.28	43	211865	21.362	ug/l	99
44) Trichloroethene	8.94	130	100787	24.751	ug/l	99
45) 1,2-Dichloropropane	9.22	63	76241	22.783	ug/l	98
46) Dibromomethane	9.31	93	56844	22.822	ug/l	99
47) Bromodichloromethane	9.50	83	107981	21.222	ug/l	96
48) Methyl methacrylate	9.30	41	92794	21.000	ug/l	99
49) 1,4-Dioxane	9.30	88	61222	444.435	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	801955	102.556	ug/l	99
52) Toluene	10.25	92	208161	24.121	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	123986	22.191	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	132528	22.747	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	82940	20.901	ug/l	97
56) Ethyl methacrylate	10.52	69	132323	21.485	ug/l	99
57) 1,3-Dichloropropane	10.80	76	135892	22.001	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	372217	118.443	ug/l	99
59) 2-Hexanone	10.83	43	649235	98.556	ug/l	100
60) Dibromochloromethane	10.99	129	97228	21.300	ug/l	100
61) 1,2-Dibromoethane	11.09	107	93006	23.116	ug/l	99
64) Tetrachloroethene	10.72	164	103772	24.749	ug/l	97
65) Chlorobenzene	11.52	112	229968	22.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	88231	20.957	ug/l	99
67) Ethyl Benzene	11.60	91	399389	23.447	ug/l	100
68) m/p-Xylenes	11.71	106	315387	46.663	ug/l	100
69) o-Xylene	12.03	106	150835	22.267	ug/l	98
70) Styrene	12.05	104	257536	22.077	ug/l	99
71) Bromoform	12.21	173	79355	20.461	ug/l #	99
73) Isopropylbenzene	12.33	105	403821	22.012	ug/l	100
74) N-amyl acetate	12.14	43	161533	20.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	126569	19.440	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	95094m	19.531	ug/l	
77) Bromobenzene	12.61	156	103250	20.451	ug/l	98
78) n-propylbenzene	12.67	91	457085	22.281	ug/l	99
79) 2-Chlorotoluene	12.76	91	261395	21.626	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	339356	22.059	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53735	19.760	ug/l #	75
82) 4-Chlorotoluene	12.86	91	268369	20.853	ug/l	97
83) tert-Butylbenzene	13.08	119	299794	21.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	338105	22.144	ug/l	99
85) sec-Butylbenzene	13.25	105	403974	21.526	ug/l	99
86) p-Isopropyltoluene	13.37	119	372656	21.648	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	195640	21.458	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	195461	20.592	ug/l	99
89) n-Butylbenzene	13.70	91	319329	21.120	ug/l	99
90) Hexachloroethane	13.96	117	69627	20.409	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	191849	20.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	43043	19.702	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.01	180	134796	19.880	ug/l	98
94) Hexachlorobutadiene	15.11	225	67413	21.396	ug/l	98
95) Naphthalene	15.23	128	466458	19.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	133047	19.837	ug/l	99

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

