

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061129.D
 Acq On : 22 Apr 2020 14:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:35:00 PM

Quant Time: Apr 22 15:22:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	211504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	341162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	323023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.16	152	160584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	269332	98.27	ug/l	0.00
Spiked Amount			Recovery	=	196.54%	
35) Dibromofluoromethane	7.31	113	191517	96.16	ug/l	0.00
Spiked Amount			Recovery	=	192.32%	
50) Toluene-d8	9.88	98	826026	106.69	ug/l	0.00
Spiked Amount			Recovery	=	213.38%	
62) 4-Bromofluorobenzene	12.21	95	314119	104.65	ug/l	0.00
Spiked Amount			Recovery	=	209.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.72	85	202793	84.712	ug/l	99
3) Chloromethane	1.91	50	232249	65.935	ug/l	100
4) Vinyl Chloride	2.03	62	285574	92.432	ug/l	97
5) Bromomethane	2.37	94	134858	87.415	ug/l	99
6) Chloroethane	2.51	64	149278	85.346	ug/l	100
7) Trichlorofluoromethane	2.82	101	302133	80.981	ug/l	99
8) Diethyl Ether	3.17	74	135371	89.239	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.50	101	202704	89.715	ug/l	99
10) Methyl Iodide	3.68	142	288672	129.975	ug/l	100
11) Tert butyl alcohol	4.44	59	182148	394.044	ug/l	99
12) 1,1-Dichloroethene	3.49	96	202597	88.888	ug/l	98
13) Acrolein	3.36	56	149812	389.525	ug/l	99
14) Allyl chloride	4.03	41	266861	64.237	ug/l	98
15) Acrylonitrile	4.64	53	575630	451.804	ug/l	100
16) Acetone	3.54	43	461162	401.081	ug/l	99
17) Carbon Disulfide	3.78	76	605666	85.006	ug/l	100
18) Methyl Acetate	4.02	43	334948	91.739	ug/l	98
19) Methyl tert-butyl Ether	4.69	73	718799	90.032	ug/l	99
20) Methylene Chloride	4.24	84	228935	89.041	ug/l	99
21) trans-1,2-Dichloroethene	4.70	96	226465	91.836	ug/l	99
22) Diisopropyl ether	5.61	45	757158	85.164	ug/l	98
23) Vinyl Acetate	5.55	43	3110828	443.891	ug/l	99
24) 1,1-Dichloroethane	5.51	63	416093	86.164	ug/l	99
25) 2-Butanone	6.51	43	777256	436.493	ug/l	98
26) 2,2-Dichloropropane	6.50	77	372994	92.091	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	259688	91.991	ug/l	100
28) Bromochloromethane	6.89	49	187367	85.857	ug/l	99
29) Tetrahydrofuran	6.90	42	530857	437.898	ug/l	100
30) Chloroform	7.08	83	418816	91.881	ug/l	100
31) Cyclohexane	7.37	56	393661	79.983	ug/l	97
32) 1,1,1-Trichloroethane	7.29	97	371454	93.934	ug/l	99
36) 1,1-Dichloropropene	7.52	75	323288	92.529	ug/l	100
37) Ethyl Acetate	6.61	43	339156	90.117	ug/l	100
38) Carbon Tetrachloride	7.50	117	299061	102.415	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	400055	95.530	ug/l	99
40) Benzene	7.78	78	951834	91.831	ug/l	99
41) Methacrylonitrile	6.87	41	166906m	104.644	ug/l	
42) 1,2-Dichloroethane	7.87	62	336775	94.911	ug/l	99
43) Isopropyl Acetate	7.92	43	565327	92.176	ug/l	99
44) Trichloroethene	8.60	130	273221	102.332	ug/l	99
45) 1,2-Dichloropropane	8.89	63	249439	89.431	ug/l	100
46) Dibromomethane	8.98	93	165299	101.089	ug/l	98
47) Bromodichloromethane	9.18	83	333713	97.434	ug/l	100
48) Methyl methacrylate	8.98	41	270666	99.142	ug/l	99
49) 1,4-Dioxane	8.98	88	56016	1690.620	ug/l	98
51) 4-Methyl-2-Pentanone	9.78	43	1691043	476.807	ug/l	99
52) Toluene	9.95	92	606740	97.022	ug/l	100
53) t-1,3-Dichloropropene	10.18	75	402048	100.920	ug/l	100
54) cis-1,3-Dichloropropene	9.63	75	416597	96.203	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	234448	98.861	ug/l	99
56) Ethyl methacrylate	10.24	69	385329	103.920	ug/l	99
57) 1,3-Dichloropropane	10.51	76	399320	95.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	994396	564.988	ug/l	99
59) 2-Hexanone	10.56	43	1275549	497.346	ug/l	99
60) Dibromochloromethane	10.71	129	257385	105.191	ug/l	100
61) 1,2-Dibromoethane	10.81	107	250080	102.892	ug/l	99
64) Tetrachloroethene	10.43	164	298381	114.374	ug/l	100
65) Chlorobenzene	11.24	112	634395	95.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	230878	96.522	ug/l	100
67) Ethyl Benzene	11.32	91	1176734	93.925	ug/l	99
68) m/p-Xylenes	11.43	106	891473	195.681	ug/l	99
69) o-Xylene	11.76	106	423825	96.749	ug/l	98
70) Styrene	11.77	104	731483	103.750	ug/l	100
71) Bromoform	11.93	173	190319	106.676	ug/l #	100
73) Isopropylbenzene	12.06	105	1147503	89.539	ug/l	100
74) N-amyl acetate	11.89	43	538601	91.011	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.32	83	310812	81.147	ug/l	99
76) 1,2,3-Trichloropropane	12.36	75	362195m	100.909	ug/l	
77) Bromobenzene	12.33	156	280112	92.863	ug/l	99
78) n-propylbenzene	12.40	91	1354641	90.638	ug/l	100
79) 2-Chlorotoluene	12.48	91	780669	89.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	975147	92.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.11	75	141573	98.535	ug/l	99
82) 4-Chlorotoluene	12.58	91	832554	91.545	ug/l	100
83) tert-Butylbenzene	12.81	119	826086	92.468	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	972217	92.841	ug/l	99
85) sec-Butylbenzene	12.98	105	1121007	92.943	ug/l	100
86) p-Isopropyltoluene	13.10	119	1014998	94.247	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	501668	93.759	ug/l	99
88) 1,4-Dichlorobenzene	13.17	146	501519	92.958	ug/l	99
89) n-Butylbenzene	13.43	91	937847	94.018	ug/l	99
90) Hexachloroethane	13.68	117	114693	74.261	ug/l	98
91) 1,2-Dichlorobenzene	13.46	146	464510	91.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	68867	91.918	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	308667	101.443	ug/l	100
94) Hexachlorobutadiene	14.82	225	130173	84.954	ug/l	99
95) Naphthalene	14.93	128	968759	107.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	298523	101.745	ug/l	100

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

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