

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062063.D
 Acq On : 24 Jun 2020 14:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062420

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:20 PM

Quant Time: Jun 25 04:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	274878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	472598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	179218	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	7.54	113	146000	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	10.06	98	603024	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.37	95	208686	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	145856	46.944	ug/l	99
3) Chloromethane	2.03	50	187921	51.413	ug/l	98
4) Vinyl Chloride	2.16	62	220587	45.083	ug/l	99
5) Bromomethane	2.53	94	154529	48.866	ug/l	98
6) Chloroethane	2.66	64	150053	44.893	ug/l	97
7) Trichlorofluoromethane	2.98	101	288264	47.812	ug/l	100
8) Diethyl Ether	3.37	74	100170	47.581	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149297	47.287	ug/l	99
10) Methyl Iodide	3.91	142	172514	48.517	ug/l	99
11) Tert butyl alcohol	4.73	59	119235	215.286	ug/l	100
12) 1,1-Dichloroethene	3.69	96	149442	47.348	ug/l	94
13) Acrolein	3.56	56	121309	223.715	ug/l	99
14) Allyl chloride	4.27	41	208966	48.628	ug/l	100
15) Acrylonitrile	4.92	53	334473	221.615	ug/l	99
16) Acetone	3.77	43	332674	275.163	ug/l	96
17) Carbon Disulfide	4.00	76	445904	49.324	ug/l	99
18) Methyl Acetate	4.27	43	128399	41.872	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	483210	47.911	ug/l	97
20) Methylene Chloride	4.49	84	173434	48.973	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	165341	45.984	ug/l	97
22) Diisopropyl ether	5.90	45	468046	47.836	ug/l	99
23) Vinyl Acetate	5.84	43	1924308	240.889	ug/l	100
24) 1,1-Dichloroethane	5.79	63	293698	46.615	ug/l	99
25) 2-Butanone	6.78	43	434091	230.229	ug/l	100
26) 2,2-Dichloropropane	6.77	77	257085	48.966	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	190643	47.119	ug/l	99
28) Bromochloromethane	7.14	49	118499	43.348	ug/l	99
29) Tetrahydrofuran	7.16	42	273691	221.598	ug/l	99
30) Chloroform	7.32	83	301076	46.967	ug/l	99
31) Cyclohexane	7.61	56	256127	48.059	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	255384	47.241	ug/l	99
36) 1,1-Dichloropropene	7.74	75	231746	48.785	ug/l	100
37) Ethyl Acetate	6.87	43	176423	44.851	ug/l	97
38) Carbon Tetrachloride	7.73	117	216623	48.369	ug/l	99

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39) Methylcyclohexane	9.04	83	274810	52.799	ug/l	97
40) Benzene	8.00	78	702176	48.497	ug/l	99
41) Methacrylonitrile	7.12	41	79045	43.346	ug/l	96
42) 1,2-Dichloroethane	8.08	62	233567	47.746	ug/l	99
43) Isopropyl Acetate	8.12	43	300142	46.807	ug/l	99
44) Trichloroethene	8.80	130	174932	47.896	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176131	49.309	ug/l	98
46) Dibromomethane	9.17	93	117729	48.612	ug/l	99
47) Bromodichloromethane	9.36	83	243149	49.724	ug/l	100
48) Methyl methacrylate	9.16	41	139802	48.625	ug/l	98
49) 1,4-Dioxane	9.16	88	57443	900.945	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	894980	238.889	ug/l	100
52) Toluene	10.12	92	455039	51.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	273628	50.861	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	295634	51.615	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170788	49.181	ug/l	99
56) Ethyl methacrylate	10.40	69	239679	51.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294679	49.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446835	227.977	ug/l	100
59) 2-Hexanone	10.72	43	670068	247.689	ug/l	99
60) Dibromochloromethane	10.87	129	183798	49.992	ug/l	97
61) 1,2-Dibromoethane	10.98	107	174853	49.003	ug/l	99
64) Tetrachloroethene	10.60	164	146760	47.934	ug/l	98
65) Chlorobenzene	11.40	112	480180	48.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	167184	49.120	ug/l	100
67) Ethyl Benzene	11.48	91	867400	52.179	ug/l	99
68) m/p-Xylenes	11.59	106	662445	103.029	ug/l	99
69) o-Xylene	11.92	106	315733	52.045	ug/l	98
70) Styrene	11.94	104	540557	53.429	ug/l	100
71) Bromoform	12.10	173	119755	49.487	ug/l #	97
73) Isopropylbenzene	12.22	105	842618	50.136	ug/l	100
74) N-amyl acetate	12.04	43	278745	45.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245288	43.858	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	211802m	41.440	ug/l	
77) Bromobenzene	12.50	156	195573	46.872	ug/l	100
78) n-propylbenzene	12.56	91	984056	51.188	ug/l	100
79) 2-Chlorotoluene	12.65	91	570253	49.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	693292	50.887	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	83483	47.701	ug/l	99
82) 4-Chlorotoluene	12.75	91	592425	49.294	ug/l	99
83) tert-Butylbenzene	12.97	119	570667	48.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	706191	51.899	ug/l	99
85) sec-Butylbenzene	13.15	105	797286	51.749	ug/l	99
86) p-Isopropyltoluene	13.26	119	719043	53.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	356320	48.632	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	357228	47.298	ug/l	100
89) n-Butylbenzene	13.59	91	606997	54.089	ug/l	100
90) Hexachloroethane	13.85	117	127257	48.052	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	338317	47.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40464	45.164	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165227	53.233	ug/l	98
94) Hexachlorobutadiene	14.98	225	66970	49.678	ug/l	99
95) Naphthalene	15.10	128	446905	43.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160694	50.633	ug/l	99

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

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