

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062759.D
 Acq On : 5 Aug 2020 14:00
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080520

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:51:53 PM

Quant Time: Aug 06 06:37:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	161563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	136965	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.55	113	93245	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
50) Toluene-d8	10.06	98	369141	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.38	95	138335	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	127432	55.082	ug/l	99
3) Chloromethane	2.03	50	111936	51.272	ug/l	99
4) Vinyl Chloride	2.16	62	108620	53.046	ug/l	100
5) Bromomethane	2.51	94	68369	50.438	ug/l	99
6) Chloroethane	2.66	64	67311	49.967	ug/l	92
7) Trichlorofluoromethane	2.97	101	193262	52.929	ug/l	98
8) Diethyl Ether	3.37	74	53067	50.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81531	55.461	ug/l	98
10) Methyl Iodide	3.91	142	90617	51.203	ug/l	99
11) Tert butyl alcohol	4.74	59	99992	228.348	ug/l	100
12) 1,1-Dichloroethene	3.69	96	72733	52.931	ug/l	94
13) Acrolein	3.57	56	63005	237.638	ug/l	99
14) Allyl chloride	4.27	41	141276	49.945	ug/l	99
15) Acrylonitrile	4.93	53	253295	249.393	ug/l	99
16) Acetone	3.77	43	256103	265.281	ug/l	98
17) Carbon Disulfide	4.00	76	206492	52.914	ug/l	97
18) Methyl Acetate	4.28	43	113263	49.595	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	330983	52.877	ug/l	100
20) Methylene Chloride	4.50	84	91163	51.624	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	80420	49.741	ug/l	95
22) Diisopropyl ether	5.90	45	321307	53.360	ug/l	99
23) Vinyl Acetate	5.84	43	1147340	250.505	ug/l	99
24) 1,1-Dichloroethane	5.80	63	173281	49.105	ug/l	99
25) 2-Butanone	6.78	43	344065	251.637	ug/l	97
26) 2,2-Dichloropropane	6.77	77	168389	51.768	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	98226	50.645	ug/l	99
28) Bromochloromethane	7.15	49	85302	50.087	ug/l	99
29) Tetrahydrofuran	7.17	42	221780	249.670	ug/l	99
30) Chloroform	7.33	83	183933	49.047	ug/l	98
31) Cyclohexane	7.61	56	167489	51.706	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	166413	49.632	ug/l	98
36) 1,1-Dichloropropene	7.75	75	128906	50.815	ug/l	99
37) Ethyl Acetate	6.88	43	127843	48.244	ug/l	99
38) Carbon Tetrachloride	7.73	117	145567	48.518	ug/l	97

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39) Methylcyclohexane	9.05	83	166157	54.426	ug/l	99
40) Benzene	8.00	78	371523	49.080	ug/l	98
41) Methacrylonitrile	7.12	41	62560	52.318	ug/l #	67
42) 1,2-Dichloroethane	8.09	62	159150	49.397	ug/l	99
43) Isopropyl Acetate	8.13	43	217609	49.233	ug/l	99
44) Trichloroethene	8.80	130	91938	49.851	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103015	50.281	ug/l	97
46) Dibromomethane	9.18	93	67717	50.445	ug/l	99
47) Bromodichloromethane	9.37	83	154776	51.336	ug/l	98
48) Methyl methacrylate	9.17	41	107314	49.362	ug/l	98
49) 1,4-Dioxane	9.17	88	39399	978.043	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	712208	249.042	ug/l	100
52) Toluene	10.12	92	238062	50.936	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176819	53.318	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	175454	52.694	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	99385	49.789	ug/l	97
56) Ethyl methacrylate	10.40	69	160534	53.430	ug/l	98
57) 1,3-Dichloropropane	10.68	76	171921	50.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	248646	292.771	ug/l	99
59) 2-Hexanone	10.72	43	540069	253.169	ug/l	100
60) Dibromochloromethane	10.87	129	116664	51.215	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101965	51.767	ug/l	97
64) Tetrachloroethene	10.60	164	78321	48.963	ug/l	98
65) Chlorobenzene	11.41	112	258006	49.784	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105502	50.694	ug/l	98
67) Ethyl Benzene	11.48	91	487699	52.588	ug/l	98
68) m/p-Xylenes	11.60	106	358834	106.591	ug/l	99
69) o-Xylene	11.92	106	174569	55.334	ug/l	96
70) Styrene	11.94	104	303551	54.739	ug/l	99
71) Bromoform	12.10	173	82982	48.733	ug/l #	99
73) Isopropylbenzene	12.22	105	486591	52.158	ug/l	100
74) N-amyl acetate	12.05	43	199749	52.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	151348	46.085	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	155141m	46.431	ug/l	
77) Bromobenzene	12.50	156	112636	48.591	ug/l	98
78) n-propylbenzene	12.57	91	579758	52.941	ug/l	100
79) 2-Chlorotoluene	12.65	91	342706	49.903	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	434659	53.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	56967	52.047	ug/l	98
82) 4-Chlorotoluene	12.75	91	365915	51.705	ug/l	100
83) tert-Butylbenzene	12.97	119	357952	52.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	431795	55.766	ug/l	99
85) sec-Butylbenzene	13.15	105	483338	53.743	ug/l	100
86) p-Isopropyltoluene	13.26	119	439926	55.108	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209915	50.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208665	50.239	ug/l	99
89) n-Butylbenzene	13.59	91	373073	55.257	ug/l	100
90) Hexachloroethane	13.85	117	83367	48.448	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	199726	51.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34793	49.348	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.88	180	102560	49.242	ug/l	98
94) Hexachlorobutadiene	14.98	225	66448	54.517	ug/l	97
95) Naphthalene	15.10	128	264757	46.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103520	50.353	ug/l	100

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

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