

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061177.D
 Acq On : 28 Apr 2020 20:41
 Operator : JC/MD
 Sample : L2414-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

Quant Time: Apr 29 09:26:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84228	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.55	113	55721	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.06	98	225925	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.38	95	86621	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	60449	57.163	ug/l	99
3) Chloromethane	2.03	50	70729	55.225	ug/l	100
4) Vinyl Chloride	2.16	62	203559	139.934	ug/l	100
5) Bromomethane	2.54	94	38544	53.603	ug/l	100
6) Chloroethane	2.67	64	48644	52.758	ug/l	99
7) Trichlorofluoromethane	2.99	101	93284	56.839	ug/l	97
8) Diethyl Ether	3.37	74	38558	56.326	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56151	53.108	ug/l	99
10) Methyl Iodide	3.91	142	75037	55.223	ug/l	99
11) Tert butyl alcohol	4.73	59	46294	219.013	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58883	55.964	ug/l	96
13) Acrolein	3.56	56	34033	241.607	ug/l	100
14) Allyl chloride	4.28	41	105568	54.113	ug/l	90
15) Acrylonitrile	4.93	53	169601	261.380	ug/l	99
16) Acetone	3.77	43	153775	252.028	ug/l	99
17) Carbon Disulfide	4.01	76	161534	55.578	ug/l	99
18) Methyl Acetate	4.27	43	91160	45.824	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	215848	53.688	ug/l #	86
20) Methylene Chloride	4.50	84	66105	53.726	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	67142	58.603	ug/l	98
22) Diisopropyl ether	5.90	45	247613	54.734	ug/l	98
23) Vinyl Acetate	5.84	43	975493	267.801	ug/l	100
24) 1,1-Dichloroethane	5.80	63	131306	55.551	ug/l	99
25) 2-Butanone	6.78	43	250882	268.694	ug/l #	89
26) 2,2-Dichloropropane	6.78	77	101661	51.063	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1560450	1160.615	ug/l	89
28) Bromochloromethane	7.15	49	58938	52.608	ug/l	99
29) Tetrahydrofuran	7.17	42	161361	256.549	ug/l	99
30) Chloroform	7.33	83	129204	53.940	ug/l	98
31) Cyclohexane	7.61	56	122137	53.207	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	124575	59.724	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97345	55.350	ug/l	99
37) Ethyl Acetate	6.88	43	102168	49.553	ug/l #	81
38) Carbon Tetrachloride	7.73	117	86507	61.508	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	132896	63.152	ug/l	99
40) Benzene	8.00	78	281497	53.725	ug/l	100
41) Methacrylonitrile	7.12	41	45833	53.540	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	108170	54.495	ug/l	97
43) Isopropyl Acetate	8.13	43	229577	67.093	ug/l #	83
44) Trichloroethene	8.80	130	89078	62.889	ug/l	99
45) 1,2-Dichloropropane	9.08	63	76321	54.522	ug/l	99
46) Dibromomethane	9.17	93	47805	55.156	ug/l	99
47) Bromodichloromethane	9.37	83	105322	56.615	ug/l	99
48) Methyl methacrylate	9.17	41	84829	54.938	ug/l	99
49) 1,4-Dioxane	9.17	88	14014	799.555	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	532126	264.199	ug/l	100
52) Toluene	10.12	92	174872	55.410	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114853	54.791	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118739	53.580	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	84672	67.262	ug/l	98
56) Ethyl methacrylate	10.40	69	117743	53.475	ug/l	95
57) 1,3-Dichloropropane	10.68	76	120379	54.403	ug/l	100
59) 2-Hexanone	10.72	43	387543	264.479	ug/l	99
60) Dibromochloromethane	10.87	129	74615	56.594	ug/l	96
61) 1,2-Dibromoethane	10.98	107	69927	55.422	ug/l	99
64) Tetrachloroethene	10.60	164	81997	56.673	ug/l	99
65) Chlorobenzene	11.41	112	179920	54.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65580	55.294	ug/l	99
67) Ethyl Benzene	11.48	91	344192	55.486	ug/l	100
68) m/p-Xylenes	11.60	106	249085	109.701	ug/l	97
69) o-Xylene	11.92	106	120829	55.400	ug/l	99
70) Styrene	11.94	104	205980	56.427	ug/l	99
71) Bromoform	12.10	173	49704	57.022	ug/l #	99
73) Isopropylbenzene	12.22	105	331269	55.123	ug/l	100
74) N-amyl acetate	12.04	43	160178	52.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	99131	52.901	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	95341m	55.319	ug/l	
77) Bromobenzene	12.50	156	75202	54.208	ug/l	99
78) n-propylbenzene	12.56	91	395679	55.509	ug/l	100
79) 2-Chlorotoluene	12.65	91	228274	54.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279533	56.199	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34930	51.468	ug/l	98
82) 4-Chlorotoluene	12.75	91	242160	54.839	ug/l	99
83) tert-Butylbenzene	12.97	119	239867	57.192	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	282262	55.080	ug/l	99
85) sec-Butylbenzene	13.15	105	334148	58.437	ug/l	98
86) p-Isopropyltoluene	13.26	119	286406	55.592	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	138152	54.094	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	139956	53.635	ug/l	99
89) n-Butylbenzene	13.59	91	273157	57.835	ug/l	99
90) Hexachloroethane	13.85	117	31406	57.156	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	133162	54.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21284	53.779	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	83211	55.802	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	34612	55.560	ug/l	99
95) Naphthalene	15.10	128	263322	54.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	80440	54.637	ug/l	97

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

