

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062530.D
 Acq On : 15 Jul 2020 12:55
 Operator : JC/MD
 Sample : VN0715WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Quant Time: Jul 16 01:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	198148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	331536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158562	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	113074	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.06	98	446352	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.37	95	164154	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	36879	18.272	ug/l	96
3) Chloromethane	2.04	50	53611	16.554	ug/l	97
4) Vinyl Chloride	2.16	62	47229	17.800	ug/l	99
5) Bromomethane	2.53	94	24414	17.133	ug/l	99
6) Chloroethane	2.67	64	24658	15.956	ug/l	95
7) Trichlorofluoromethane	2.98	101	62895	18.665	ug/l	100
8) Diethyl Ether	3.37	74	30302	20.110	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40889	20.469	ug/l	98
10) Methyl Iodide	3.91	142	46769	17.731	ug/l	100
11) Tert butyl alcohol	4.73	59	48967	96.855	ug/l	98
12) 1,1-Dichloroethene	3.70	96	38684	19.021	ug/l	96
13) Acrolein	3.56	56	41281	113.189	ug/l	99
14) Allyl chloride	4.28	41	86370	18.057	ug/l	98
15) Acrylonitrile	4.93	53	129614	97.752	ug/l	100
16) Acetone	3.78	43	108355	83.740	ug/l	93
17) Carbon Disulfide	4.01	76	111169	17.444	ug/l	99
18) Methyl Acetate	4.27	43	63475	19.657	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	158340	20.535	ug/l	99
20) Methylene Chloride	4.50	84	63651	23.007	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	43398	19.697	ug/l	95
22) Diisopropyl ether	5.90	45	188423	19.939	ug/l	100
23) Vinyl Acetate	5.84	43	753299	96.227	ug/l	100
24) 1,1-Dichloroethane	5.80	63	95466	19.550	ug/l	99
25) 2-Butanone	6.78	43	170814	90.391	ug/l	96
26) 2,2-Dichloropropane	6.77	77	74996	20.030	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	50895	19.943	ug/l	98
28) Bromochloromethane	7.15	49	51095	19.259	ug/l	96
29) Tetrahydrofuran	7.17	42	118438	93.092	ug/l	98
30) Chloroform	7.33	83	89881	20.385	ug/l	99
31) Cyclohexane	7.61	56	83348	18.004	ug/l	87
32) 1,1,1-Trichloroethane	7.53	97	74267	20.250	ug/l	97
36) 1,1-Dichloropropene	7.75	75	66139	19.801	ug/l	99
37) Ethyl Acetate	6.88	43	73592	18.842	ug/l	98
38) Carbon Tetrachloride	7.73	117	62403	20.781	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70797	19.853	ug/l	97
40) Benzene	8.00	78	197919	20.105	ug/l	100
41) Methacrylonitrile	7.12	41	33554	20.562	ug/l	96
42) 1,2-Dichloroethane	8.08	62	78424	21.757	ug/l	99
43) Isopropyl Acetate	8.12	43	120659	19.556	ug/l	94
44) Trichloroethene	8.80	130	44311	20.287	ug/l	97
45) 1,2-Dichloropropane	9.08	63	60468	21.159	ug/l	99
46) Dibromomethane	9.17	93	34144	21.172	ug/l	98
47) Bromodichloromethane	9.37	83	73038	21.183	ug/l	99
48) Methyl methacrylate	9.17	41	57287	18.928	ug/l	96
49) 1,4-Dioxane	9.17	88	17983	408.224	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	368138	99.897	ug/l	99
52) Toluene	10.12	92	121547	21.376	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	81152	21.009	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90181	21.159	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	49117	21.963	ug/l	98
56) Ethyl methacrylate	10.40	69	78848	20.214	ug/l	97
57) 1,3-Dichloropropane	10.68	76	87957	21.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	120814	91.059	ug/l	97
59) 2-Hexanone	10.72	43	260045	97.201	ug/l	97
60) Dibromochloromethane	10.87	129	52351	21.589	ug/l	98
61) 1,2-Dibromoethane	10.98	107	48835	21.632	ug/l	100
64) Tetrachloroethene	10.60	164	38021	20.815	ug/l	97
65) Chlorobenzene	11.40	112	124438	20.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	47153	21.372	ug/l	99
67) Ethyl Benzene	11.48	91	230729	20.546	ug/l	99
68) m/p-Xylenes	11.59	106	167380	42.102	ug/l	99
69) o-Xylene	11.92	106	80749	20.861	ug/l	99
70) Styrene	11.94	104	134908	21.089	ug/l	99
71) Bromoform	12.10	173	36161	22.358	ug/l #	100
73) Isopropylbenzene	12.22	105	218969	20.495	ug/l	100
74) N-amyl acetate	12.04	43	102766	19.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	75263	20.951	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	70391m	20.778	ug/l	
77) Bromobenzene	12.50	156	52277	21.523	ug/l	92
78) n-propylbenzene	12.56	91	254848	20.420	ug/l	100
79) 2-Chlorotoluene	12.65	91	155072	20.473	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	183461	20.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23175	18.310	ug/l	97
82) 4-Chlorotoluene	12.75	91	156642	20.370	ug/l	97
83) tert-Butylbenzene	12.97	119	153767	20.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	186597	21.434	ug/l	98
85) sec-Butylbenzene	13.15	105	208849	21.205	ug/l	99
86) p-Isopropyltoluene	13.26	119	177767	20.912	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	89400	21.335	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89181	20.684	ug/l	98
89) n-Butylbenzene	13.59	91	147609	19.666	ug/l	100
90) Hexachloroethane	13.85	117	34092	20.388	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	88896	21.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13484	20.568	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40677	20.739	ug/l	97
94) Hexachlorobutadiene	14.98	225	24550	22.822	ug/l	99
95) Naphthalene	15.10	128	103318	21.047	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	40894	20.759	ug/l	98

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

