

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056953.D
 Acq On : 26 Jul 2019 20:06
 Operator : JC/SP
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 11:47:00 AM

Quant Time: Jul 27 01:19:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	567495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	864763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	758900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	293905	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.58	113	269469	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	1031040	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	322137	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	120260	20.962	ug/l	100
3) Chloromethane	2.05	50	149582	21.774	ug/l	100
4) Vinyl Chloride	2.18	62	133478	20.721	ug/l	99
5) Bromomethane	2.55	94	83540	20.861	ug/l	98
6) Chloroethane	2.69	64	73033	20.567	ug/l	97
7) Trichlorofluoromethane	3.00	101	172120	20.412	ug/l	96
8) Diethyl Ether	3.40	74	65734	20.830	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	101485	19.412	ug/l	99
10) Methyl Iodide	3.94	142	121632	17.412	ug/l	100
11) Tert butyl alcohol	4.77	59	82522	105.096	ug/l	99
12) 1,1-Dichloroethene	3.72	96	101231	20.294	ug/l	99
13) Acrolein	3.60	56	31864	77.376	ug/l	94
14) Allyl chloride	4.31	41	163790	20.186	ug/l	100
15) Acrylonitrile	4.97	53	247623	107.538	ug/l	99
16) Acetone	3.80	43	184262	87.556	ug/l	99
17) Carbon Disulfide	4.04	76	258530	19.504	ug/l	99
18) Methyl Acetate	4.31	43	134628	20.053	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	310819	20.897	ug/l	100
20) Methylene Chloride	4.53	84	119216	19.666	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	110020	20.767	ug/l	98
22) Diisopropyl ether	5.93	45	353691	21.156	ug/l	97
23) Vinyl Acetate	5.88	43	1215285	104.915	ug/l	100
24) 1,1-Dichloroethane	5.83	63	200587	20.335	ug/l	99
25) 2-Butanone	6.82	43	302874	101.492	ug/l	97
26) 2,2-Dichloropropane	6.81	77	134621	17.949	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	128281	20.473	ug/l	99
28) Bromochloromethane	7.18	49	100636	21.705	ug/l	99
29) Tetrahydrofuran	7.20	42	206308	105.960	ug/l	99
30) Chloroform	7.36	83	203037	20.132	ug/l	99
31) Cyclohexane	7.64	56	185467	19.430	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	166647	20.709	ug/l	98
36) 1,1-Dichloropropene	7.78	75	148466	19.511	ug/l	100
37) Ethyl Acetate	6.91	43	129365	21.227	ug/l	99
38) Carbon Tetrachloride	7.76	117	140691	19.547	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	179475	18.454	ug/l	99
40) Benzene	8.03	78	470505	20.075	ug/l	99
41) Methacrylonitrile	7.16	41	57576	20.436	ug/l	92
42) 1,2-Dichloroethane	8.11	62	146771	19.981	ug/l	99
43) Isopropyl Acetate	8.15	43	203960	20.248	ug/l	98
44) Trichloroethene	8.82	130	126400	19.576	ug/l	97
45) 1,2-Dichloropropane	9.11	63	126642	20.202	ug/l	100
46) Dibromomethane	9.20	93	77075	20.387	ug/l	100
47) Bromodichloromethane	9.39	83	149639	20.132	ug/l	98
48) Methyl methacrylate	9.19	41	100036	20.570	ug/l	99
49) 1,4-Dioxane	9.19	88	42545	424.515	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	620354	103.652	ug/l	100
52) Toluene	10.15	92	287097	20.389	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	150575	19.521	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	176719	19.705	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	113826	20.157	ug/l	99
56) Ethyl methacrylate	10.42	69	157116	19.535	ug/l	100
57) 1,3-Dichloropropane	10.70	76	186149	19.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	328521	97.082	ug/l	100
59) 2-Hexanone	10.74	43	421069	92.944	ug/l	100
60) Dibromochloromethane	10.89	129	116852	20.198	ug/l	99
61) 1,2-Dibromoethane	11.00	107	113810	20.652	ug/l	100
64) Tetrachloroethene	10.62	164	124403	19.022	ug/l	95
65) Chlorobenzene	11.43	112	303450	19.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	116401	19.994	ug/l	99
67) Ethyl Benzene	11.50	91	524734	19.629	ug/l	98
68) m/p-Xylenes	11.61	106	392906	39.825	ug/l	100
69) o-Xylene	11.94	106	192138	19.906	ug/l	98
70) Styrene	11.96	104	309385	19.324	ug/l	99
71) Bromoform	12.12	173	80511	19.808	ug/l #	99
73) Isopropylbenzene	12.24	105	510693	20.338	ug/l	100
74) N-amyl acetate	12.06	43	146365	20.075	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	150231	22.253	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	115555m	19.584	ug/l	
77) Bromobenzene	12.52	156	131473	20.061	ug/l	100
78) n-propylbenzene	12.59	91	542467	20.233	ug/l	99
79) 2-Chlorotoluene	12.67	91	329777	19.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	418630	20.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34707	18.899	ug/l	94
82) 4-Chlorotoluene	12.77	91	311488	20.162	ug/l	99
83) tert-Butylbenzene	12.99	119	365756	20.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	413214	20.838	ug/l	99
85) sec-Butylbenzene	13.17	105	467209	19.854	ug/l	100
86) p-Isopropyltoluene	13.28	119	416540	19.937	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	198738	19.936	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	184687	19.245	ug/l	98
89) n-Butylbenzene	13.61	91	309710	19.235	ug/l	99
90) Hexachloroethane	13.87	117	70251	19.528	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	203247	20.716	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21420	21.448	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84631	18.526	ug/l	98
94) Hexachlorobutadiene	15.00	225	74811	19.825	ug/l	99
95) Naphthalene	15.12	128	197171	18.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	92840	19.457	ug/l	97

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

