

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056934.D
 Acq On : 25 Jul 2019 21:14
 Operator : JC/SP
 Sample : VN0726WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:37:54 PM

Quant Time: Jul 26 04:42:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	448181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	667262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	250140	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.58	113	225436	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.08	98	854462	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.39	95	262961	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	106929	20.440	ug/l	99
3) Chloromethane	2.05	50	119736	20.729	ug/l	99
4) Vinyl Chloride	2.17	62	111763	20.548	ug/l	97
5) Bromomethane	2.55	94	68999	20.973	ug/l	97
6) Chloroethane	2.69	64	61469	20.360	ug/l	97
7) Trichlorofluoromethane	3.00	101	148727	20.980	ug/l	99
8) Diethyl Ether	3.39	74	54195	20.414	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85757	19.688	ug/l	98
10) Methyl Iodide	3.93	142	120835	18.880	ug/l	99
11) Tert butyl alcohol	4.77	59	66402	99.251	ug/l	99
12) 1,1-Dichloroethene	3.72	96	87264	20.748	ug/l	100
13) Acrolein	3.59	56	33916	90.460	ug/l	97
14) Allyl chloride	4.30	41	133192	19.518	ug/l	99
15) Acrylonitrile	4.96	53	200087	103.925	ug/l	99
16) Acetone	3.80	43	145589	91.928	ug/l	99
17) Carbon Disulfide	4.03	76	213252	18.825	ug/l	100
18) Methyl Acetate	4.31	43	110170	19.870	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	257934	20.856	ug/l	99
20) Methylene Chloride	4.53	84	99567	19.853	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	91289	20.283	ug/l	97
22) Diisopropyl ether	5.93	45	292945	21.079	ug/l	98
23) Vinyl Acetate	5.88	43	984623	102.851	ug/l	100
24) 1,1-Dichloroethane	5.83	63	167091	20.464	ug/l	99
25) 2-Butanone	6.82	43	237420	97.391	ug/l	99
26) 2,2-Dichloropropane	6.81	77	103340	17.246	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	105364	20.515	ug/l	98
28) Bromochloromethane	7.18	49	84590	22.449	ug/l	97
29) Tetrahydrofuran	7.20	42	168538	105.508	ug/l	99
30) Chloroform	7.36	83	164985	19.620	ug/l	99
31) Cyclohexane	7.64	56	157784	19.858	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	135456	20.114	ug/l	99
36) 1,1-Dichloropropene	7.78	75	120904	19.819	ug/l	100
37) Ethyl Acetate	6.91	43	99355	20.099	ug/l	98
38) Carbon Tetrachloride	7.76	117	115517	19.908	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	149097	20.054	ug/l	98
40) Benzene	8.03	78	386649	20.325	ug/l	97
41) Methacrylonitrile	7.16	41	34092m	15.681	ug/l	
42) 1,2-Dichloroethane	8.11	62	119763	20.383	ug/l	99
43) Isopropyl Acetate	8.15	43	164355	20.209	ug/l #	91
44) Trichloroethene	8.82	130	107362	20.688	ug/l	99
45) 1,2-Dichloropropane	9.11	63	104199	20.382	ug/l	98
46) Dibromomethane	9.20	93	62846	20.391	ug/l	98
47) Bromodichloromethane	9.39	83	120738	20.061	ug/l	99
48) Methyl methacrylate	9.19	41	79550	20.376	ug/l	100
49) 1,4-Dioxane	9.19	88	33234	406.529	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	499493	103.297	ug/l	100
52) Toluene	10.15	92	237612	20.826	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	118378	19.509	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	138795	19.430	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	91327	19.973	ug/l	97
56) Ethyl methacrylate	10.42	69	130570	21.238	ug/l	97
57) 1,3-Dichloropropane	10.70	76	152798	20.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	262634	99.374	ug/l	100
59) 2-Hexanone	10.74	43	336507	101.509	ug/l	100
60) Dibromochloromethane	10.89	129	91111	19.612	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93450	20.590	ug/l	98
64) Tetrachloroethene	10.62	164	111038	20.904	ug/l	99
65) Chlorobenzene	11.43	112	248009	20.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	93175	20.593	ug/l	98
67) Ethyl Benzene	11.50	91	431026	20.577	ug/l	100
68) m/p-Xylenes	11.62	106	323071	41.361	ug/l	98
69) o-Xylene	11.94	106	161592	21.142	ug/l	97
70) Styrene	11.96	104	253419	19.536	ug/l	99
71) Bromoform	12.12	173	61132	19.452	ug/l #	100
73) Isopropylbenzene	12.24	105	421763	21.705	ug/l	99
74) N-amyl acetate	12.06	43	122510	20.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118118	22.520	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	96052m	20.348	ug/l	
77) Bromobenzene	12.52	156	106483	20.272	ug/l	98
78) n-propylbenzene	12.59	91	443354	20.422	ug/l	100
79) 2-Chlorotoluene	12.67	91	272929	21.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	351768	20.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	27233	18.994	ug/l	94
82) 4-Chlorotoluene	12.77	91	253314	20.400	ug/l	99
83) tert-Butylbenzene	12.99	119	303300	21.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	339606	21.127	ug/l	100
85) sec-Butylbenzene	13.17	105	386601	20.442	ug/l	99
86) p-Isopropyltoluene	13.28	119	342446	20.491	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	160900	20.473	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	152296	20.237	ug/l	99
89) n-Butylbenzene	13.61	91	253894	19.670	ug/l	100
90) Hexachloroethane	13.87	117	55006	20.132	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	164043	20.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	15948	19.730	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	60329	17.507	ug/l	99
94) Hexachlorobutadiene	15.00	225	61587	20.825	ug/l	99
95) Naphthalene	15.12	128	148964	17.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69664	18.199	ug/l	99

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

