

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062602.D
 Acq On : 27 Jul 2020 16:48
 Operator : JC/MD
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:12 PM

Quant Time: Jul 28 06:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	154102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124061	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	82188	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.06	98	310615	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.37	95	117954	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	39317	21.389	ug/l 100
3) Chloromethane	2.04	50	40664	16.311	ug/l 95
4) Vinyl Chloride	2.16	62	37280	17.249	ug/l 98
5) Bromomethane	2.54	94	23690	24.748	ug/l 97
6) Chloroethane	2.67	64	22203	22.711	ug/l 99
7) Trichlorofluoromethane	2.98	101	62335	24.565	ug/l 100
8) Diethyl Ether	3.37	74	21920	18.472	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33471	20.573	ug/l 99
10) Methyl Iodide	3.91	142	35761	17.193	ug/l 96
11) Tert butyl alcohol	4.73	59	34418	90.378	ug/l 100
12) 1,1-Dichloroethene	3.70	96	31991	19.388	ug/l 99
13) Acrolein	3.57	56	24041	66.927	ug/l 98
14) Allyl chloride	4.27	41	61328	17.183	ug/l 93
15) Acrylonitrile	4.93	53	96476	94.582	ug/l 98
16) Acetone	3.77	43	86881	96.444	ug/l 94
17) Carbon Disulfide	4.01	76	95867	17.683	ug/l 98
18) Methyl Acetate	4.28	43	41591	18.237	ug/l 96
19) Methyl tert-butyl Ether	4.99	73	122103	20.105	ug/l 98
20) Methylene Chloride	4.50	84	39425	18.247	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	34289	18.723	ug/l 98
22) Diisopropyl ether	5.90	45	127395	17.957	ug/l 96
23) Vinyl Acetate	5.84	43	537750	92.505	ug/l 98
24) 1,1-Dichloroethane	5.80	63	71329	18.670	ug/l 99
25) 2-Butanone	6.78	43	126862	92.468	ug/l 100
26) 2,2-Dichloropropane	6.77	77	64775	20.654	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	39487	18.896	ug/l 99
28) Bromochloromethane	7.15	49	32752	17.420	ug/l 93
29) Tetrahydrofuran	7.17	42	81493	87.783	ug/l 93
30) Chloroform	7.33	83	73207	20.154	ug/l 94
31) Cyclohexane	7.61	56	62739	17.786	ug/l # 91
32) 1,1,1-Trichloroethane	7.53	97	64715	21.339	ug/l 98
36) 1,1-Dichloropropene	7.75	75	54016	20.412	ug/l 99
37) Ethyl Acetate	6.88	43	53715	18.830	ug/l 99
38) Carbon Tetrachloride	7.73	117	58324	22.929	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57853	20.309	ug/l	99
40) Benzene	8.00	78	152267	19.006	ug/l	100
41) Methacrylonitrile	7.12	41	21188m	17.331	ug/l	
42) 1,2-Dichloroethane	8.09	62	64675	22.081	ug/l	98
43) Isopropyl Acetate	8.12	43	88345	19.212	ug/l	98
44) Trichloroethene	8.80	130	36970	20.463	ug/l	99
45) 1,2-Dichloropropane	9.09	63	42578	18.929	ug/l	100
46) Dibromomethane	9.17	93	26707	20.542	ug/l	98
47) Bromodichloromethane	9.37	83	58547	20.786	ug/l	99
48) Methyl methacrylate	9.17	41	41635	19.046	ug/l	94
49) 1,4-Dioxane	9.17	88	11171	332.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266076	96.703	ug/l	98
52) Toluene	10.12	92	94208	20.251	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	65970	21.040	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	68563	20.378	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	37887	20.996	ug/l	93
56) Ethyl methacrylate	10.40	69	58874	19.296	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64994	19.660	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	79719	92.877	ug/l	97
59) 2-Hexanone	10.72	43	193006	92.588	ug/l	100
60) Dibromochloromethane	10.87	129	42732	21.227	ug/l	98
61) 1,2-Dibromoethane	10.98	107	38055	20.253	ug/l	96
64) Tetrachloroethene	10.60	164	31996	21.381	ug/l	97
65) Chlorobenzene	11.40	112	98680	20.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39789	21.905	ug/l	96
67) Ethyl Benzene	11.48	91	182671	20.633	ug/l	100
68) m/p-Xylenes	11.59	106	134245	42.188	ug/l	98
69) o-Xylene	11.92	106	63199	20.915	ug/l	99
70) Styrene	11.94	104	107140	20.990	ug/l	97
71) Bromoform	12.10	173	30322	22.232	ug/l #	99
73) Isopropylbenzene	12.22	105	174288	19.871	ug/l	100
74) N-amyl acetate	12.04	43	72681	18.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53951	17.701	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	54509m	19.306	ug/l	
77) Bromobenzene	12.50	156	40753	19.334	ug/l	97
78) n-propylbenzene	12.56	91	204775	19.931	ug/l	100
79) 2-Chlorotoluene	12.65	91	123130	19.447	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	151586	20.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19324	19.052	ug/l	92
82) 4-Chlorotoluene	12.75	91	128779	19.540	ug/l	100
83) tert-Butylbenzene	12.97	119	120510	19.948	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	148752	20.841	ug/l	98
85) sec-Butylbenzene	13.15	105	168936	20.887	ug/l	100
86) p-Isopropyltoluene	13.26	119	152973	21.990	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73055	19.750	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	72006	19.775	ug/l	96
89) n-Butylbenzene	13.59	91	124922	20.900	ug/l	99
90) Hexachloroethane	13.85	117	28754	19.417	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	71419	20.193	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12135	21.929	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	36563	21.544	ug/l	99
94) Hexachlorobutadiene	14.98	225	22938	23.745	ug/l	97
95) Naphthalene	15.10	128	95064	21.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37364	22.417	ug/l	99

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

