

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063185.D
 Acq On : 2 Sep 2020 11:00
 Operator : JC/MD
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:28:45 AM

Quant Time: Sep 03 01:24:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	417958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	702053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	314525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	319552	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.55	113	238542	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.06	98	934888	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.38	95	318188	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	76510	18.588	ug/l	98
3) Chloromethane	2.04	50	106293	17.734	ug/l	100
4) Vinyl Chloride	2.17	62	125544	18.962	ug/l	100
5) Bromomethane	2.54	94	109701	19.684	ug/l	97
6) Chloroethane	2.68	64	109576	20.815	ug/l	99
7) Trichlorofluoromethane	2.98	101	193925	18.823	ug/l	100
8) Diethyl Ether	3.37	74	58918	18.599	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89851	19.966	ug/l	99
10) Methyl Iodide	3.91	142	98739	16.087	ug/l	99
11) Tert butyl alcohol	4.73	59	85617	102.086	ug/l	96
12) 1,1-Dichloroethene	3.70	96	86018	18.758	ug/l	93
13) Acrolein	3.56	56	14349m	57.874	ug/l	
14) Allyl chloride	4.28	41	150548	18.485	ug/l	96
15) Acrylonitrile	4.93	53	210649	91.209	ug/l	98
16) Acetone	3.78	43	187150	96.357	ug/l	97
17) Carbon Disulfide	4.01	76	240962	17.654	ug/l	98
18) Methyl Acetate	4.28	43	104032	20.890	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	311166	18.292	ug/l	99
20) Methylene Chloride	4.51	84	104027	18.740	ug/l	85
21) trans-1,2-Dichloroethene	4.99	96	98329	19.409	ug/l	94
22) Diisopropyl ether	5.91	45	330649	18.117	ug/l	92
23) Vinyl Acetate	5.84	43	1371068	94.152	ug/l	100
24) 1,1-Dichloroethane	5.80	63	184674	18.355	ug/l	98
25) 2-Butanone	6.78	43	301179	100.146	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168681	18.505	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	111114	18.044	ug/l	97
28) Bromochloromethane	7.15	49	92775	17.650	ug/l	100
29) Tetrahydrofuran	7.17	42	199158	95.773	ug/l	98
30) Chloroform	7.33	83	196643	18.681	ug/l	95
31) Cyclohexane	7.61	56	165988	17.585	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	171124	18.866	ug/l	98
36) 1,1-Dichloropropene	7.75	75	145088	19.886	ug/l	98
37) Ethyl Acetate	6.88	43	132244	19.430	ug/l #	92
38) Carbon Tetrachloride	7.73	117	139247	18.820	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159406	19.448	ug/l	96
40) Benzene	8.00	78	427031	19.918	ug/l	98
41) Methacrylonitrile	7.13	41	61622	20.049	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	159390	19.902	ug/l	99
43) Isopropyl Acetate	8.13	43	235523	19.794	ug/l #	89
44) Trichloroethene	8.80	130	113169	21.762	ug/l	95
45) 1,2-Dichloropropane	9.08	63	109422	19.276	ug/l	98
46) Dibromomethane	9.17	93	75235	19.999	ug/l	99
47) Bromodichloromethane	9.37	83	157252	19.502	ug/l	99
48) Methyl methacrylate	9.17	41	104175	19.422	ug/l	93
49) 1,4-Dioxane	9.17	88	34247	412.796	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	681888	105.461	ug/l	100
52) Toluene	10.13	92	265314	19.865	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	167181	18.954	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	178864	19.319	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	100445	19.638	ug/l	98
56) Ethyl methacrylate	10.40	69	152112	19.542	ug/l	99
57) 1,3-Dichloropropane	10.68	76	180136	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	355711	88.247	ug/l	99
59) 2-Hexanone	10.72	43	485804	106.910	ug/l	98
60) Dibromochloromethane	10.87	129	112497	19.894	ug/l	99
61) 1,2-Dibromoethane	10.98	107	103936	19.548	ug/l	95
64) Tetrachloroethene	10.60	164	113536	22.521	ug/l	94
65) Chlorobenzene	11.41	112	277068	19.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	102148	19.457	ug/l	99
67) Ethyl Benzene	11.49	91	523323	20.287	ug/l	99
68) m/p-Xylenes	11.59	106	377204	39.481	ug/l	100
69) o-Xylene	11.92	106	181819	19.700	ug/l	97
70) Styrene	11.94	104	310753	19.591	ug/l	100
71) Bromoform	12.10	173	64979	18.238	ug/l #	100
73) Isopropylbenzene	12.23	105	494578	20.502	ug/l	99
74) N-amyl acetate	12.05	43	193316	19.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	133741	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	124812m	20.197	ug/l	
77) Bromobenzene	12.50	156	110906	20.328	ug/l	97
78) n-propylbenzene	12.57	91	584425	20.936	ug/l	100
79) 2-Chlorotoluene	12.65	91	334679	20.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413701	20.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	43557	17.036	ug/l	94
82) 4-Chlorotoluene	12.75	91	347066	20.015	ug/l	100
83) tert-Butylbenzene	12.97	119	345219	20.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	422501	20.875	ug/l	98
85) sec-Butylbenzene	13.15	105	473955	21.118	ug/l	99
86) p-Isopropyltoluene	13.26	119	416272	20.891	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204967	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	204663	19.721	ug/l	99
89) n-Butylbenzene	13.59	91	384800	20.904	ug/l	99
90) Hexachloroethane	13.85	117	65357	17.719	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	208894	21.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	28895	18.897	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111804	20.576	ug/l	97
94) Hexachlorobutadiene	14.98	225	40501	19.952	ug/l	97
95) Naphthalene	15.11	128	336356	18.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	106474	20.112	ug/l	96

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

