

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075580.D
 Acq On : 06 Dec 2022 13:00
 Operator : JC\MD
 Sample : VN1206WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:12:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	173934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45149	48.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.720%			
35) Dibromofluoromethane	8.171	113	59953	53.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	10.571	98	128523	51.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.853	95	100646	54.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	31609	23.766	ug/l	94
3) Chloromethane	2.371	50	36375	21.980	ug/l	97
4) Vinyl Chloride	2.524	62	47124	22.594	ug/l	97
5) Bromomethane	2.930	94	40630	22.153	ug/l	93
6) Chloroethane	3.112	64	36376	23.017	ug/l	96
7) Trichlorofluoromethane	3.500	101	65964	22.139	ug/l	98
8) Diethyl Ether	3.965	74	23802	22.792	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	37169	22.597	ug/l	92
10) Methyl Iodide	4.600	142	61204	22.963	ug/l	97
11) Tert butyl alcohol	5.530	59	30441	77.668	ug/l #	94
12) 1,1-Dichloroethene	4.353	96	36216	22.484	ug/l	89
13) Acrolein	4.189	56	38561	112.936	ug/l	99
14) Allyl chloride	5.024	41	45789	21.977	ug/l	97
15) Acrylonitrile	5.724	53	85053	94.586	ug/l	98
16) Acetone	4.442	43	80074	91.947	ug/l	98
17) Carbon Disulfide	4.718	76	90713	21.671	ug/l	96
18) Methyl Acetate	5.036	43	45500	19.946	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	121005	21.207	ug/l	100
20) Methylene Chloride	5.283	84	42420	23.339	ug/l	85
21) trans-1,2-Dichloroethene	5.794	96	40143	21.869	ug/l	99
22) Diisopropyl ether	6.683	45	105228	22.132	ug/l	99
23) Vinyl Acetate	6.612	43	390038m	103.116	ug/l	
24) 1,1-Dichloroethane	6.577	63	70002	22.938	ug/l	96
25) 2-Butanone	7.488	43	109160	89.781	ug/l	95
26) 2,2-Dichloropropane	7.500	77	56818	20.033	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	47226	22.752	ug/l	94
28) Bromochloromethane	7.818	49	27161	21.926	ug/l	85
29) Tetrahydrofuran	7.847	42	66640	90.108	ug/l	98
30) Chloroform	7.971	83	76074	21.707	ug/l	98
31) Cyclohexane	8.265	56	62328	21.012	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	70687	22.214	ug/l	96
36) 1,1-Dichloropropene	8.377	75	54661	22.429	ug/l	97
37) Ethyl Acetate	7.571	43	43475	19.812	ug/l	99
38) Carbon Tetrachloride	8.365	117	63873	23.859	ug/l	92
39) Methylcyclohexane	9.606	83	69841	22.898	ug/l	97
40) Benzene	8.612	78	168311	22.557	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22994	20.496	ug/l	98
42) 1,2-Dichloroethane	8.677	62	56153	22.471	ug/l	97
43) Isopropyl Acetate	8.694	43	70921	20.135	ug/l	95
44) Trichloroethene	9.353	130	45743	22.405	ug/l	92
45) 1,2-Dichloropropane	9.624	63	40746	22.915	ug/l	92
46) Dibromomethane	9.712	93	30364	22.577	ug/l	91
47) Bromodichloromethane	9.894	83	59947	23.017	ug/l	97
48) Methyl methacrylate	9.682	41	33612	20.638	ug/l	96
49) 1,4-Dioxane	9.694	88	15965	345.213	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	221107	98.559	ug/l	97
52) Toluene	10.629	92	113011	23.504	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	58702	22.451	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	66057	23.261	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	43808	22.370	ug/l	95
56) Ethyl methacrylate	10.876	69	58373	22.071	ug/l	98
57) 1,3-Dichloropropane	11.165	76	71032	22.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	90838	95.235	ug/l	96
59) 2-Hexanone	11.200	43	163485	97.049	ug/l	99
60) Dibromochloromethane	11.359	129	49396	24.573	ug/l	97
61) 1,2-Dibromoethane	11.471	107	43640	21.470	ug/l	98
64) Tetrachloroethene	11.106	164	42425	21.537	ug/l	89
65) Chlorobenzene	11.894	112	121189	22.749	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	45641	22.956	ug/l	99
67) Ethyl Benzene	11.965	91	213659	23.509	ug/l	98
68) m/p-Xylenes	12.071	106	173432	46.991	ug/l	99
69) o-Xylene	12.400	106	84435	23.026	ug/l	97
70) Styrene	12.412	104	138390	23.923	ug/l	96
71) Bromoform	12.576	173	35416	23.405	ug/l #	100
73) Isopropylbenzene	12.700	105	219307	22.626	ug/l	99
74) N-amyl acetate	12.494	43	61869	20.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	62462	21.137	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52939m	21.104	ug/l	
77) Bromobenzene	12.982	156	53112	22.195	ug/l	85
78) n-propylbenzene	13.035	91	245304	22.677	ug/l	98
79) 2-Chlorotoluene	13.129	91	150565	23.101	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	187419	23.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15782	18.615	ug/l	96
82) 4-Chlorotoluene	13.129	91	150565	23.101	ug/l	98
83) tert-Butylbenzene	13.441	119	166234	22.641	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	185535	22.969	ug/l	97
85) sec-Butylbenzene	13.617	105	231344	23.222	ug/l	100
86) p-Isopropyltoluene	13.729	119	195358	23.307	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	100969	22.270	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	99935	21.699	ug/l	99
89) n-Butylbenzene	14.059	91	154295	21.795	ug/l	99
90) Hexachloroethane	14.335	117	34736	24.022	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	101653	23.001	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10934	19.533	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	48220	21.291	ug/l	99
94) Hexachlorobutadiene	15.506	225	27167	23.029	ug/l	98
95) Naphthalene	15.647	128	137171	19.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46875	21.059	ug/l	97

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

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