

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075082.D
 Acq On : 31 Oct 2022 13:22
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 06:15:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	172685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71337	53.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.980%	
35) Dibromofluoromethane	8.171	113	55488	52.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.640%	
50) Toluene-d8	10.571	98	219935	53.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.853	95	77714	53.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	23878	18.545	ug/l	94
3) Chloromethane	2.377	50	27035	19.768	ug/l	95
4) Vinyl Chloride	2.524	62	37858	19.404	ug/l	95
5) Bromomethane	2.942	94	30592	18.880	ug/l	92
6) Chloroethane	3.118	64	26835	19.181	ug/l	94
7) Trichlorofluoromethane	3.506	101	39092	19.614	ug/l	96
8) Diethyl Ether	3.977	74	14665	20.173	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	22631	20.561	ug/l	96
10) Methyl Iodide	4.595	142	31855	19.440	ug/l	97
11) Tert butyl alcohol	5.542	59	29349	94.372	ug/l	99
12) 1,1-Dichloroethene	4.353	96	20154	19.210	ug/l	97
13) Acrolein	4.189	56	27217	106.995	ug/l	98
14) Allyl chloride	5.030	41	30274	19.757	ug/l	98
15) Acrylonitrile	5.730	53	67619	102.928	ug/l	98
16) Acetone	4.442	43	57842	102.436	ug/l	100
17) Carbon Disulfide	4.724	76	49353	18.706	ug/l	99
18) Methyl Acetate	5.036	43	38683	20.972	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	74902	19.208	ug/l	98
20) Methylene Chloride	5.289	84	25723	20.431	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	21462	18.683	ug/l	98
22) Diisopropyl ether	6.683	45	65665	19.419	ug/l	96
23) Vinyl Acetate	6.612	43	247021	87.479	ug/l	99
24) 1,1-Dichloroethane	6.577	63	42229	19.745	ug/l	98
25) 2-Butanone	7.494	43	88687	99.854	ug/l	100
26) 2,2-Dichloropropane	7.494	77	37565	19.093	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	27153	19.793	ug/l	98
28) Bromochloromethane	7.818	49	17608	19.531	ug/l	99
29) Tetrahydrofuran	7.841	42	57480	100.153	ug/l	97
30) Chloroform	7.971	83	46056	19.834	ug/l	98
31) Cyclohexane	8.259	56	37758	19.037	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	40718	19.310	ug/l	95
36) 1,1-Dichloropropene	8.377	75	31802	19.368	ug/l	100
37) Ethyl Acetate	7.571	43	35966	19.973	ug/l	95
38) Carbon Tetrachloride	8.365	117	35578	19.697	ug/l	88
39) Methylcyclohexane	9.606	83	41401	19.099	ug/l	94
40) Benzene	8.612	78	99470	19.785	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17040	19.751	ug/l	94
42) 1,2-Dichloroethane	8.677	62	38016	20.783	ug/l	100
43) Isopropyl Acetate	8.694	43	56485	20.222	ug/l	99
44) Trichloroethene	9.359	130	24332	19.290	ug/l	90
45) 1,2-Dichloropropane	9.624	63	25447	21.268	ug/l	99
46) Dibromomethane	9.712	93	18306	19.638	ug/l	97
47) Bromodichloromethane	9.888	83	36516	20.229	ug/l	99
48) Methyl methacrylate	9.688	41	25769	20.112	ug/l	98
49) 1,4-Dioxane	9.700	88	13340	397.588	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	184357	102.279	ug/l	99
52) Toluene	10.635	92	68118	20.268	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	37541	19.703	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	40159	19.872	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	27436	20.588	ug/l	96
56) Ethyl methacrylate	10.877	69	40954	20.148	ug/l	99
57) 1,3-Dichloropropane	11.165	76	44582	20.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	85524	108.831	ug/l	98
59) 2-Hexanone	11.200	43	139188	101.744	ug/l	99
60) Dibromochloromethane	11.359	129	28101	19.987	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27165	19.892	ug/l	99
64) Tetrachloroethene	11.106	164	22058	20.835	ug/l	94
65) Chlorobenzene	11.894	112	70825	19.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	26967	19.722	ug/l	97
67) Ethyl Benzene	11.965	91	129687	19.556	ug/l	99
68) m/p-Xylenes	12.076	106	103117	38.752	ug/l	99
69) o-Xylene	12.400	106	50824	19.314	ug/l	100
70) Styrene	12.412	104	80814	19.260	ug/l	98
71) Bromoform	12.582	173	18906	18.468	ug/l #	99
73) Isopropylbenzene	12.700	105	129721	20.087	ug/l	99
74) N-amyl acetate	12.494	43	47298	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	43319	21.042	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	34418m	20.152	ug/l	
77) Bromobenzene	12.982	156	28261	19.875	ug/l	97
78) n-propylbenzene	13.035	91	149049	20.557	ug/l	98
79) 2-Chlorotoluene	13.129	91	91524	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	109849	20.252	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	11825	17.773	ug/l	87
82) 4-Chlorotoluene	13.129	91	91524	20.657	ug/l	100
83) tert-Butylbenzene	13.441	119	97457	20.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	111735	20.360	ug/l	100
85) sec-Butylbenzene	13.618	105	135365	20.077	ug/l	97
86) p-Isopropyltoluene	13.729	119	111680	20.057	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	54122	19.440	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	53806	19.528	ug/l	98
89) n-Butylbenzene	14.059	91	86972	19.396	ug/l	99
90) Hexachloroethane	14.335	117	19143	18.751	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	54663	19.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8198	18.820	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	22823	19.162	ug/l	99
94) Hexachlorobutadiene	15.506	225	10135	17.455	ug/l	96
95) Naphthalene	15.647	128	83263	18.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22201	18.760	ug/l	98

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

