

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075035.D
 Acq On : 27 Oct 2022 12:55
 Operator : JC\MD
 Sample : VN1027WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:13:29 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	97120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	169873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70497	53.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.740%	
35) Dibromofluoromethane	8.177	113	55039	52.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	10.571	98	210622	51.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.847	95	74982	52.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	25924	20.519	ug/l	97
3) Chloromethane	2.377	50	27352	20.382	ug/l	96
4) Vinyl Chloride	2.524	62	38352	20.033	ug/l	92
5) Bromomethane	2.942	94	31358	19.962	ug/l	100
6) Chloroethane	3.112	64	29096	21.195	ug/l	94
7) Trichlorofluoromethane	3.506	101	38999	19.941	ug/l	97
8) Diethyl Ether	3.971	74	15567	21.823	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	21722	20.112	ug/l	98
10) Methyl Iodide	4.600	142	32127	19.981	ug/l	95
11) Tert butyl alcohol	5.541	59	31601	103.554	ug/l	97
12) 1,1-Dichloroethene	4.347	96	20177	19.599	ug/l	98
13) Acrolein	4.195	56	23620	94.628	ug/l	99
14) Allyl chloride	5.030	41	27464	18.266	ug/l	94
15) Acrylonitrile	5.736	53	68379	106.073	ug/l	99
16) Acetone	4.442	43	58532	105.637	ug/l	98
17) Carbon Disulfide	4.718	76	48412	18.700	ug/l	97
18) Methyl Acetate	5.036	43	37984	20.987	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	79753	20.843	ug/l	100
20) Methylene Chloride	5.289	84	25458	20.607	ug/l #	93
21) trans-1,2-Dichloroethene	5.794	96	21218	18.824	ug/l	94
22) Diisopropyl ether	6.683	45	67586	20.369	ug/l	99
23) Vinyl Acetate	6.618	43	287185m	103.645	ug/l	
24) 1,1-Dichloroethane	6.577	63	41463	19.758	ug/l	95
25) 2-Butanone	7.494	43	91401	104.876	ug/l	98
26) 2,2-Dichloropropane	7.494	77	36682	19.000	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	26967	20.033	ug/l	100
28) Bromochloromethane	7.818	49	18567	20.988	ug/l	95
29) Tetrahydrofuran	7.847	42	59194	105.109	ug/l	97
30) Chloroform	7.971	83	43804	19.225	ug/l	99
31) Cyclohexane	8.259	56	36206	18.603	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	41368	19.993	ug/l	95
36) 1,1-Dichloropropene	8.377	75	32265	19.703	ug/l	98
37) Ethyl Acetate	7.571	43	37543	20.905	ug/l	96
38) Carbon Tetrachloride	8.371	117	34936	19.394	ug/l	94
39) Methylcyclohexane	9.606	83	42773	19.785	ug/l	97
40) Benzene	8.606	78	101688	20.281	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17952	20.864	ug/l	99
42) 1,2-Dichloroethane	8.677	62	38042	20.854	ug/l	99
43) Isopropyl Acetate	8.694	43	59425	21.332	ug/l	99
44) Trichloroethene	9.353	130	24667	19.609	ug/l	96
45) 1,2-Dichloropropane	9.629	63	25438	21.319	ug/l	95
46) Dibromomethane	9.712	93	19706	21.198	ug/l	96
47) Bromodichloromethane	9.888	83	36751	20.414	ug/l	100
48) Methyl methacrylate	9.682	41	25921	20.285	ug/l	99
49) 1,4-Dioxane	9.700	88	13861	414.239	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	189239	105.273	ug/l	99
52) Toluene	10.635	92	67605	20.170	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	38688	20.360	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	41328	20.506	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	27007	20.322	ug/l	99
56) Ethyl methacrylate	10.876	69	42843	21.134	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46838	21.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	77850	99.336	ug/l	97
59) 2-Hexanone	11.200	43	143265	105.009	ug/l	99
60) Dibromochloromethane	11.359	129	27658	19.726	ug/l	100
61) 1,2-Dibromoethane	11.471	107	28720	21.087	ug/l	99
64) Tetrachloroethene	11.106	164	20099	19.299	ug/l	93
65) Chlorobenzene	11.894	112	70337	19.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25988	19.321	ug/l	98
67) Ethyl Benzene	11.965	91	127449	19.536	ug/l	96
68) m/p-Xylenes	12.076	106	101578	38.806	ug/l	96
69) o-Xylene	12.400	106	51007	19.704	ug/l	99
70) Styrene	12.412	104	80595	19.526	ug/l	99
71) Bromoform	12.582	173	19178	19.043	ug/l #	95
73) Isopropylbenzene	12.700	105	130405	20.570	ug/l	99
74) N-amyl acetate	12.494	43	50411	21.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	44551	22.237	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	34515m	20.586	ug/l	
77) Bromobenzene	12.982	156	29040	20.804	ug/l	98
78) n-propylbenzene	13.041	91	149919	21.063	ug/l	97
79) 2-Chlorotoluene	13.129	91	90117	20.720	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	110178	20.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12613	19.311	ug/l	99
82) 4-Chlorotoluene	13.129	91	90117	20.720	ug/l	99
83) tert-Butylbenzene	13.441	119	94241	19.919	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	113147	21.002	ug/l	99
85) sec-Butylbenzene	13.617	105	134462	20.315	ug/l	98
86) p-Isopropyltoluene	13.729	119	111413	20.382	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54073	19.785	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	53924	19.936	ug/l	99
89) n-Butylbenzene	14.059	91	91110	20.698	ug/l	99
90) Hexachloroethane	14.335	117	19776	19.732	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	54333	19.997	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9251	21.634	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	23523	20.119	ug/l	99
94) Hexachlorobutadiene	15.506	225	11499	20.174	ug/l	95
95) Naphthalene	15.641	128	93131	20.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23922	20.592	ug/l	100

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

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