

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076426.D
 Acq On : 26 Jan 2023 17:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

Quant Time: Jan 27 00:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	389212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	637917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	579074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219679	50.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.171	113	186965	46.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.700%	
50) Toluene-d8	10.571	98	687972	46.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.360%	
62) 4-Bromofluorobenzene	12.853	95	254281	52.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	179860	45.095	ug/l	97
3) Chloromethane	2.377	50	204338	49.482	ug/l	98
4) Vinyl Chloride	2.530	62	283919	56.071	ug/l	99
5) Bromomethane	2.948	94	205994	49.677	ug/l	100
6) Chloroethane	3.124	64	197179	51.931	ug/l	99
7) Trichlorofluoromethane	3.506	101	365589	52.480	ug/l	98
8) Diethyl Ether	3.971	74	126718	54.232	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	199167	50.503	ug/l	96
10) Methyl Iodide	4.600	142	284424	47.216	ug/l	96
11) Tert butyl alcohol	5.536	59	157825	270.757	ug/l	99
12) 1,1-Dichloroethene	4.353	96	178304	47.829	ug/l	88
13) Acrolein	4.189	56	204973	294.038	ug/l	100
14) Allyl chloride	5.036	41	234735	54.032	ug/l	90
15) Acrylonitrile	5.730	53	414755	250.039	ug/l	100
16) Acetone	4.442	43	403825	289.072	ug/l	98
17) Carbon Disulfide	4.724	76	395156	42.571	ug/l	97
18) Methyl Acetate	5.036	43	235121	49.661	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	600199	49.454	ug/l	99
20) Methylene Chloride	5.294	84	198868	48.084	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	178449	44.185	ug/l	98
22) Diisopropyl ether	6.683	45	539471	52.657	ug/l	99
23) Vinyl Acetate	6.612	43	1761998	266.110	ug/l	98
24) 1,1-Dichloroethane	6.583	63	333466	48.830	ug/l	99
25) 2-Butanone	7.488	43	533064	249.833	ug/l	94
26) 2,2-Dichloropropane	7.494	77	289292	50.262	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	224161	47.589	ug/l	97
28) Bromochloromethane	7.824	49	147268	53.204	ug/l	94
29) Tetrahydrofuran	7.847	42	340485	258.556	ug/l	97
30) Chloroform	7.971	83	376857	49.872	ug/l	97
31) Cyclohexane	8.265	56	287398	42.930	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	342410	49.632	ug/l	98
36) 1,1-Dichloropropene	8.377	75	264640	46.671	ug/l	99
37) Ethyl Acetate	7.565	43	218902	48.132	ug/l	98
38) Carbon Tetrachloride	8.371	117	301215	47.636	ug/l	99
39) Methylcyclohexane	9.606	83	321689	46.457	ug/l	98
40) Benzene	8.612	78	794605	46.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	120624	50.653	ug/l	96
42) 1,2-Dichloroethane	8.677	62	287518	49.562	ug/l	99
43) Isopropyl Acetate	8.694	43	448075	60.560	ug/l	91
44) Trichloroethene	9.353	130	204810	42.709	ug/l	96
45) 1,2-Dichloropropane	9.624	63	196910	48.507	ug/l	99
46) Dibromomethane	9.712	93	146563	47.820	ug/l	96
47) Bromodichloromethane	9.894	83	303152	50.997	ug/l	97
48) Methyl methacrylate	9.682	41	178431	50.940	ug/l	97
49) 1,4-Dioxane	9.700	88	75310	1018.941	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1128012	259.706	ug/l	98
52) Toluene	10.635	92	534149	47.109	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	305549	53.920	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	332024	50.929	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	210599	48.592	ug/l	98
56) Ethyl methacrylate	10.876	69	301342	53.857	ug/l	98
57) 1,3-Dichloropropane	11.165	76	343924	48.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	490848	259.857	ug/l	98
59) 2-Hexanone	11.200	43	828093	263.096	ug/l	99
60) Dibromochloromethane	11.359	129	237648	52.090	ug/l	99
61) 1,2-Dibromoethane	11.471	107	213123	49.265	ug/l	99
64) Tetrachloroethene	11.106	164	198803	38.069	ug/l	97
65) Chlorobenzene	11.894	112	564673	46.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	222691	48.896	ug/l	99
67) Ethyl Benzene	11.965	91	1051762	50.203	ug/l	99
68) m/p-Xylenes	12.071	106	820446	97.664	ug/l	98
69) o-Xylene	12.400	106	410936	49.812	ug/l	98
70) Styrene	12.412	104	679897	51.615	ug/l	98
71) Bromoform	12.582	173	170442	51.821	ug/l #	100
73) Isopropylbenzene	12.700	105	1089603	49.267	ug/l	100
74) N-amyl acetate	12.494	43	341204	53.634	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	302120	47.520	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	274249m	52.709	ug/l	
77) Bromobenzene	12.982	156	248980	48.132	ug/l	96
78) n-propylbenzene	13.035	91	1244142	49.856	ug/l	99
79) 2-Chlorotoluene	13.129	91	741028	48.392	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	929931	50.190	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	87626	50.997	ug/l	98
82) 4-Chlorotoluene	13.129	91	741028	48.392	ug/l	98
83) tert-Butylbenzene	13.441	119	817108	49.585	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	930021	50.059	ug/l	99
85) sec-Butylbenzene	13.617	105	1158342	50.657	ug/l	99
86) p-Isopropyltoluene	13.729	119	970417	51.609	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	469860	45.075	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	460400	46.437	ug/l	99
89) n-Butylbenzene	14.059	91	787150	52.735	ug/l	100
90) Hexachloroethane	14.335	117	165149	50.889	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	458130	44.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52314	47.336	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	213566	42.765	ug/l	98
94) Hexachlorobutadiene	15.506	225	117630	42.694	ug/l	99
95) Naphthalene	15.641	128	618155	41.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	206595	43.360	ug/l	98

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

