

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076535.D
 Acq On : 06 Feb 2023 10:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 04:40:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

02/07/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	540608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	888436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	801785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	377686	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	295759	45.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.171	113	267853	48.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	996051	47.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.853	95	369602	51.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	348353	57.237	ug/l	98
3) Chloromethane	2.371	50	261243	47.546	ug/l	98
4) Vinyl Chloride	2.530	62	255621	56.255	ug/l	99
5) Bromomethane	2.959	94	175073	50.434	ug/l	99
6) Chloroethane	3.130	64	145792	51.361	ug/l	95
7) Trichlorofluoromethane	3.512	101	555195	56.161	ug/l	97
8) Diethyl Ether	3.977	74	196065	54.538	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	317733	55.135	ug/l	98
10) Methyl Iodide	4.600	142	475765	56.001	ug/l	100
11) Tert butyl alcohol	5.547	59	190908	217.960	ug/l	99
12) 1,1-Dichloroethene	4.353	96	302948	55.361	ug/l	96
13) Acrolein	4.194	56	308663	258.784	ug/l	99
14) Allyl chloride	5.042	41	409086	57.170	ug/l	98
15) Acrylonitrile	5.736	53	635345	249.359	ug/l	99
16) Acetone	4.447	43	851181	445.702	ug/l	99
17) Carbon Disulfide	4.724	76	780525	56.127	ug/l	100
18) Methyl Acetate	5.036	43	354637	51.553	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	982174	55.238	ug/l	99
20) Methylene Chloride	5.289	84	331268	50.920	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	321407	55.750	ug/l	99
22) Diisopropyl ether	6.683	45	878059	55.081	ug/l	98
23) Vinyl Acetate	6.612	43	2821462	274.629	ug/l	98
24) 1,1-Dichloroethane	6.583	63	548388	54.190	ug/l	99
25) 2-Butanone	7.494	43	944423	296.819	ug/l	97
26) 2,2-Dichloropropane	7.500	77	486111	56.998	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	376730	55.813	ug/l	99
28) Bromochloromethane	7.818	49	201261	48.031	ug/l	99
29) Tetrahydrofuran	7.847	42	517332	255.510	ug/l	99
30) Chloroform	7.971	83	595031	53.559	ug/l	97
31) Cyclohexane	8.265	56	522712	51.938	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	544918	55.017	ug/l	99
36) 1,1-Dichloropropene	8.377	75	447751	56.996	ug/l	100
37) Ethyl Acetate	7.571	43	330414	52.731	ug/l	99
38) Carbon Tetrachloride	8.371	117	490096	57.258	ug/l	99
39) Methylcyclohexane	9.606	83	594454	62.381	ug/l	98
40) Benzene	8.612	78	1339492	56.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	178096	53.221	ug/l	98
42) 1,2-Dichloroethane	8.677	62	433345	54.524	ug/l	100
43) Isopropyl Acetate	8.694	43	567375	55.678	ug/l	100
44) Trichloroethene	9.359	130	358230	56.025	ug/l	96
45) 1,2-Dichloropropane	9.624	63	320547	55.246	ug/l	98
46) Dibromomethane	9.712	93	222863	53.561	ug/l	98
47) Bromodichloromethane	9.888	83	471768	56.657	ug/l	99
48) Methyl methacrylate	9.682	41	272065	55.895	ug/l	98
49) 1,4-Dioxane	9.706	88	90942	793.150	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1631306	267.112	ug/l	100
52) Toluene	10.635	92	876555	57.426	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	486815	60.403	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	547938	60.259	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	326472	54.643	ug/l	99
56) Ethyl methacrylate	10.876	69	488465	60.909	ug/l	99
57) 1,3-Dichloropropane	11.165	76	546937	55.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	871564	315.548	ug/l	99
59) 2-Hexanone	11.200	43	1304291	293.956	ug/l	99
60) Dibromochloromethane	11.359	129	368246	58.002	ug/l	99
61) 1,2-Dibromoethane	11.470	107	337539	56.555	ug/l	100
64) Tetrachloroethene	11.106	164	360109	53.205	ug/l	99
65) Chlorobenzene	11.894	112	913459	55.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	345350	56.834	ug/l	98
67) Ethyl Benzene	11.965	91	1705330	58.427	ug/l	100
68) m/p-Xylenes	12.070	106	1341827	118.543	ug/l	100
69) o-Xylene	12.400	106	654318	58.817	ug/l	100
70) Styrene	12.412	104	1077717	60.913	ug/l	99
71) Bromoform	12.582	173	252993	58.345	ug/l #	97
73) Isopropylbenzene	12.700	105	1726984	57.366	ug/l	100
74) N-amyl acetate	12.494	43	473197	53.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	423626	48.551	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	396158m	51.425	ug/l	
77) Bromobenzene	12.982	156	381879	53.914	ug/l	98
78) n-propylbenzene	13.035	91	1986860	59.315	ug/l	100
79) 2-Chlorotoluene	13.129	91	1160783	54.589	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1463642	57.351	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	133874	57.869	ug/l	98
82) 4-Chlorotoluene	13.129	91	1160783	54.589	ug/l	100
83) tert-Butylbenzene	13.441	119	1298673	57.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1440750	56.909	ug/l	99
85) sec-Butylbenzene	13.617	105	1818451	59.445	ug/l	100
86) p-Isopropyltoluene	13.735	119	1507484	60.515	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	718344	54.748	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	699993	52.889	ug/l	99
89) n-Butylbenzene	14.059	91	1232273	62.356	ug/l	99
90) Hexachloroethane	14.335	117	252892	59.456	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	681181	52.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	75772	50.382	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	356485	62.825	ug/l	100
94) Hexachlorobutadiene	15.506	225	186701	57.307	ug/l	99
95) Naphthalene	15.641	128	1033209	61.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	340426	62.406	ug/l	99

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

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

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Abundance TIC: VN076535.D\data.ms