

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076410.D
 Acq On : 26 Jan 2023 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 27 00:29:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	370340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	606069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	550665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	272815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235177	56.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.440%	
35) Dibromofluoromethane	8.171	113	201232	53.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.571	98	729097	52.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.853	95	262476	57.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	180123	47.462	ug/l	95
3) Chloromethane	2.377	50	191040	48.619	ug/l	95
4) Vinyl Chloride	2.530	62	266647	55.343	ug/l	99
5) Bromomethane	2.954	94	195105	49.449	ug/l	100
6) Chloroethane	3.124	64	190448	52.714	ug/l	98
7) Trichlorofluoromethane	3.506	101	356611	53.799	ug/l	98
8) Diethyl Ether	3.971	74	123287	55.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	194256	51.768	ug/l	96
10) Methyl Iodide	4.601	142	272707	47.578	ug/l	95
11) Tert butyl alcohol	5.542	59	130058	234.491	ug/l	99
12) 1,1-Dichloroethene	4.353	96	172785	48.711	ug/l	86
13) Acrolein	4.195	56	211900	319.465	ug/l	99
14) Allyl chloride	5.036	41	213665	51.688	ug/l	97
15) Acrylonitrile	5.730	53	409877	259.690	ug/l	99
16) Acetone	4.442	43	471774	354.939	ug/l	100
17) Carbon Disulfide	4.724	76	384678	43.554	ug/l	98
18) Methyl Acetate	5.036	43	231736	51.440	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	592312	51.292	ug/l	100
20) Methylene Chloride	5.289	84	194716	49.497	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	179154	46.621	ug/l	96
22) Diisopropyl ether	6.683	45	536098	54.994	ug/l	99
23) Vinyl Acetate	6.612	43	1741261	276.379	ug/l	97
24) 1,1-Dichloroethane	6.583	63	325059	50.025	ug/l	100
25) 2-Butanone	7.489	43	561786	276.712	ug/l	96
26) 2,2-Dichloropropane	7.500	77	283625	51.788	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	220630	49.226	ug/l	96
28) Bromochloromethane	7.818	49	152405	57.865	ug/l	93
29) Tetrahydrofuran	7.847	42	336579	268.614	ug/l	96
30) Chloroform	7.971	83	374583	52.098	ug/l	99
31) Cyclohexane	8.265	56	279290	43.845	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	335691	51.138	ug/l	94
36) 1,1-Dichloropropene	8.377	75	261391	48.520	ug/l	98
37) Ethyl Acetate	7.571	43	218839	50.644	ug/l	98
38) Carbon Tetrachloride	8.371	117	293346	48.829	ug/l	97
39) Methylcyclohexane	9.606	83	322844	49.074	ug/l	98
40) Benzene	8.612	78	781759	48.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	119256	52.710	ug/l	96
42) 1,2-Dichloroethane	8.677	62	286736	52.025	ug/l	99
43) Isopropyl Acetate	8.694	43	367146	52.229	ug/l	98
44) Trichloroethene	9.359	130	210224	46.142	ug/l	98
45) 1,2-Dichloropropane	9.624	63	196122	50.852	ug/l	96
46) Dibromomethane	9.712	93	145830	50.081	ug/l	97
47) Bromodichloromethane	9.894	83	302001	53.473	ug/l	97
48) Methyl methacrylate	9.683	41	175846	52.840	ug/l	97
49) 1,4-Dioxane	9.700	88	70401	1002.576	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1108671	268.666	ug/l	99
52) Toluene	10.635	92	521158	48.379	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	299664	55.660	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	329936	53.268	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	208594	50.659	ug/l	97
56) Ethyl methacrylate	10.877	69	299152	56.275	ug/l	98
57) 1,3-Dichloropropane	11.165	76	343712	51.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	437771	243.936	ug/l	98
59) 2-Hexanone	11.200	43	830029	277.569	ug/l	99
60) Dibromochloromethane	11.359	129	237673	54.833	ug/l	99
61) 1,2-Dibromoethane	11.471	107	211911	51.559	ug/l	97
64) Tetrachloroethene	11.106	164	199899	40.254	ug/l	96
65) Chlorobenzene	11.894	112	556469	47.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	217033	50.112	ug/l	99
67) Ethyl Benzene	11.965	91	1013614	50.879	ug/l	99
68) m/p-Xylenes	12.071	106	798986	100.017	ug/l	98
69) o-Xylene	12.400	106	395511	50.415	ug/l	98
70) Styrene	12.412	104	651228	51.989	ug/l	98
71) Bromoform	12.582	173	166690	53.295	ug/l #	100
73) Isopropylbenzene	12.700	105	1038962	49.228	ug/l	100
74) N-amyl acetate	12.494	43	322222	53.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	289899	47.782	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262612m	52.894	ug/l	
77) Bromobenzene	12.982	156	239261	48.473	ug/l	96
78) n-propylbenzene	13.035	91	1197991	50.307	ug/l	99
79) 2-Chlorotoluene	13.129	91	706495	48.347	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	883779	49.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	85831	52.346	ug/l	99
82) 4-Chlorotoluene	13.129	91	706495	48.347	ug/l	99
83) tert-Butylbenzene	13.441	119	796133	50.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	885002	49.918	ug/l	99
85) sec-Butylbenzene	13.618	105	1104652	50.624	ug/l	99
86) p-Isopropyltoluene	13.729	119	941518	52.472	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463883	46.633	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	450098	47.570	ug/l	99
89) n-Butylbenzene	14.059	91	775855	54.469	ug/l	100
90) Hexachloroethane	14.335	117	159862	51.620	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	451043	45.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53446	50.678	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	227559	47.598	ug/l	99
94) Hexachlorobutadiene	15.506	225	117901	44.843	ug/l	96
95) Naphthalene	15.641	128	659173	46.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	219301	48.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

