

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078268.D
 Acq On : 16 Jun 2023 18:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 02:27:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	401264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	729330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279356	52.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.440%			
35) Dibromofluoromethane	8.171	113	231851	50.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	10.577	98	875498	49.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.853	95	279320	50.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	174132	38.390	ug/l	93
3) Chloromethane	2.371	50	192737	44.984	ug/l	97
4) Vinyl Chloride	2.518	62	259099	43.623	ug/l	98
5) Bromomethane	2.954	94	186790	41.613	ug/l	94
6) Chloroethane	3.118	64	191887	47.392	ug/l	92
7) Trichlorofluoromethane	3.501	101	346276	42.992	ug/l	96
8) Diethyl Ether	3.971	74	120943	42.735	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	196861	46.312	ug/l	99
10) Methyl Iodide	4.595	142	266207	44.284	ug/l	98
11) Tert butyl alcohol	5.536	59	168031	227.458	ug/l	99
12) 1,1-Dichloroethene	4.353	96	184544	42.116	ug/l	87
13) Acrolein	4.195	56	221055	271.506	ug/l	95
14) Allyl chloride	5.036	41	241799	45.206	ug/l	92
15) Acrylonitrile	5.730	53	480292	252.178	ug/l	98
16) Acetone	4.442	43	383061	248.749	ug/l	95
17) Carbon Disulfide	4.718	76	435872	38.646	ug/l	99
18) Methyl Acetate	5.036	43	349871	49.348	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	659542	47.176	ug/l	97
20) Methylene Chloride	5.289	84	228965	44.994	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	206023	43.593	ug/l	84
22) Diisopropyl ether	6.683	45	638032	50.711	ug/l #	94
23) Vinyl Acetate	6.618	43	1878798	251.204	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	398158	47.971	ug/l	97
25) 2-Butanone	7.494	43	607695	256.616	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	323751	52.828	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	248719	44.120	ug/l	91
28) Bromochloromethane	7.824	49	199770	52.422	ug/l	88
29) Tetrahydrofuran	7.847	42	394027	248.897	ug/l	86
30) Chloroform	7.977	83	440021	49.233	ug/l	96
31) Cyclohexane	8.265	56	298000	43.422	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	380334	48.472	ug/l	94
36) 1,1-Dichloropropene	8.383	75	310230	46.901	ug/l	97
37) Ethyl Acetate	7.571	43	263563	51.006	ug/l #	94
38) Carbon Tetrachloride	8.371	117	335157	47.987	ug/l	99
39) Methylcyclohexane	9.606	83	274227	40.004	ug/l	92
40) Benzene	8.612	78	931148	47.153	ug/l	100

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41) Methacrylonitrile	7.789	41	137754	49.183	ug/l	90
42) 1,2-Dichloroethane	8.677	62	333744	49.292	ug/l	97
43) Isopropyl Acetate	8.694	43	527110	53.339	ug/l #	89
44) Trichloroethene	9.359	130	232508	44.584	ug/l	98
45) 1,2-Dichloropropane	9.630	63	248232	50.524	ug/l	96
46) Dibromomethane	9.718	93	172697	47.721	ug/l	97
47) Bromodichloromethane	9.894	83	352846	52.490	ug/l	94
48) Methyl methacrylate	9.688	41	208446	50.262	ug/l	90
49) 1,4-Dioxane	9.700	88	84208	966.087	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	1382745	265.714	ug/l	93
52) Toluene	10.635	92	588892	47.233	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	359812	51.396	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	389122	50.282	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	237018	50.253	ug/l	95
56) Ethyl methacrylate	10.882	69	353348	51.452	ug/l	92
57) 1,3-Dichloropropane	11.171	76	406116	51.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	693002	249.794	ug/l	92
59) 2-Hexanone	11.200	43	981736	270.942	ug/l	92
60) Dibromochloromethane	11.365	129	260914	50.554	ug/l	100
61) 1,2-Dibromoethane	11.476	107	243519	49.200	ug/l	99
64) Tetrachloroethene	11.112	164	178744	41.790	ug/l	98
65) Chlorobenzene	11.900	112	637729	46.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	245479	48.611	ug/l	98
67) Ethyl Benzene	11.971	91	1134942	47.906	ug/l	99
68) m/p-Xylenes	12.076	106	850990	94.254	ug/l	97
69) o-Xylene	12.406	106	418109	47.157	ug/l	96
70) Styrene	12.418	104	682323	48.883	ug/l	97
71) Bromoform	12.582	173	168336	51.654	ug/l #	100
73) Isopropylbenzene	12.700	105	1034758	42.198	ug/l	99
74) N-amyl acetate	12.500	43	366786	45.422	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	353286	52.505	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	277080m	45.199	ug/l	
77) Bromobenzene	12.988	156	240631	42.273	ug/l	99
78) n-propylbenzene	13.041	91	1192964	44.778	ug/l	98
79) 2-Chlorotoluene	13.129	91	736213	42.810	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	842906	42.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98671	49.451	ug/l #	85
82) 4-Chlorotoluene	13.223	91	715685	44.590	ug/l	99
83) tert-Butylbenzene	13.441	119	712132	41.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	851148	44.220	ug/l	99
85) sec-Butylbenzene	13.623	105	908999	40.243	ug/l	99
86) p-Isopropyltoluene	13.735	119	755693	41.227	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	404541	42.014	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	396518	42.677	ug/l	99
89) n-Butylbenzene	14.059	91	583939	40.389	ug/l	97
90) Hexachloroethane	14.341	117	144868	44.535	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	412824	43.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56940	46.880	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	137594	41.038	ug/l	98
94) Hexachlorobutadiene	15.506	225	65294	39.147	ug/l	97
95) Naphthalene	15.647	128	425486	37.726	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	144531	38.543	ug/l	96

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

