

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075460.D
 Acq On : 28 Nov 2022 19:47
 Operator : JC\MD
 Sample : N5757-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT174I1-20221121MSD

Quant Time: Nov 29 05:34:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	234014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41246	48.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	8.171	113	52932	52.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.060%		
50) Toluene-d8	10.571	98	116150	51.182	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.360%		
62) 4-Bromofluorobenzene	12.853	95	88833	53.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	56783	47.060	ug/l	98
3) Chloromethane	2.371	50	62890	41.888	ug/l	100
4) Vinyl Chloride	2.524	62	90082	47.607	ug/l	99
5) Bromomethane	2.918	94	88943	53.454	ug/l	95
6) Chloroethane	3.106	64	72978	50.900	ug/l	98
7) Trichlorofluoromethane	3.495	101	126411	46.764	ug/l	99
8) Diethyl Ether	3.971	74	47335	49.962	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	73116	48.996	ug/l	92
10) Methyl Iodide	4.594	142	120437	49.806	ug/l	95
11) Tert butyl alcohol	5.541	59	82811	232.893	ug/l	98
12) 1,1-Dichloroethene	4.347	96	72015	49.282	ug/l	89
13) Acrolein	4.189	56	91410	295.096	ug/l	100
14) Allyl chloride	5.030	41	90200	47.720	ug/l	95
15) Acrylonitrile	5.730	53	206171	252.727	ug/l	97
16) Acetone	4.436	43	157599	199.474	ug/l	92
17) Carbon Disulfide	4.718	76	159464	41.990	ug/l	99
18) Methyl Acetate	5.036	43	98883	49.636	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	253982	49.064	ug/l	100
20) Methylene Chloride	5.277	84	79903	49.870	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	76597	45.995	ug/l	95
22) Diisopropyl ether	6.683	45	203887	47.268	ug/l	95
23) Vinyl Acetate	6.612	43	791982m	230.791	ug/l	
24) 1,1-Dichloroethane	6.577	63	142215	51.366	ug/l	97
25) 2-Butanone	7.488	43	253149	229.501	ug/l	97
26) 2,2-Dichloropropane	7.494	77	108424	42.137	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	93817	49.821	ug/l	92
28) Bromochloromethane	7.818	49	55361	49.260	ug/l	83
29) Tetrahydrofuran	7.847	42	167185	249.179	ug/l	97
30) Chloroform	7.971	83	149712	47.087	ug/l	98
31) Cyclohexane	8.265	56	114058	42.383	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	142256	49.277	ug/l	97
36) 1,1-Dichloropropene	8.377	75	105354	47.947	ug/l	96
37) Ethyl Acetate	7.571	43	95792	48.416	ug/l	99
38) Carbon Tetrachloride	8.365	117	125238	51.885	ug/l	99
39) Methylcyclohexane	9.600	83	132808	48.294	ug/l	99
40) Benzene	8.612	78	331069	49.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53400	52.792	ug/l	98
42) 1,2-Dichloroethane	8.677	62	108682	48.237	ug/l	94
43) Isopropyl Acetate	8.694	43	158028	49.761	ug/l	97
44) Trichloroethene	9.353	130	95044	51.632	ug/l	94
45) 1,2-Dichloropropane	9.624	63	77789	48.521	ug/l	99
46) Dibromomethane	9.712	93	60592	49.968	ug/l #	89
47) Bromodichloromethane	9.888	83	117529	50.049	ug/l	97
48) Methyl methacrylate	9.682	41	75442	51.375	ug/l	94
49) 1,4-Dioxane	9.700	88	44966	1078.390	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	533451	263.732	ug/l	96
52) Toluene	10.629	92	220151	50.782	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	121530	51.551	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	129629	50.627	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	89116	50.471	ug/l	95
56) Ethyl methacrylate	10.876	69	129331	54.237	ug/l	97
57) 1,3-Dichloropropane	11.165	76	144245	50.101	ug/l	100
59) 2-Hexanone	11.200	43	397930	261.994	ug/l	96
60) Dibromochloromethane	11.359	129	100497	55.449	ug/l	100
61) 1,2-Dibromoethane	11.471	107	94621	51.630	ug/l	100
64) Tetrachloroethene	11.106	164	82591	46.216	ug/l	91
65) Chlorobenzene	11.894	112	241049	49.878	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94898	52.613	ug/l	97
67) Ethyl Benzene	11.965	91	424791	51.521	ug/l	96
68) m/p-Xylenes	12.070	106	348567	104.106	ug/l	100
69) o-Xylene	12.400	106	171588	51.580	ug/l	97
70) Styrene	12.412	104	280160	53.385	ug/l	98
71) Bromoform	12.582	173	78076	56.875	ug/l #	99
73) Isopropylbenzene	12.694	105	444609	51.240	ug/l	99
74) N-amyl acetate	12.494	43	141368	52.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	136906	51.753	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	99899m	44.488	ug/l	
77) Bromobenzene	12.982	156	110354	51.516	ug/l	84
78) n-propylbenzene	13.035	91	499077	51.539	ug/l	99
79) 2-Chlorotoluene	13.123	91	300942	51.580	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	383184	53.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	44629	58.804	ug/l	93
82) 4-Chlorotoluene	13.123	91	300942	51.580	ug/l	97
83) tert-Butylbenzene	13.441	119	336724	51.230	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	387725	53.620	ug/l	100
85) sec-Butylbenzene	13.617	105	473024	53.039	ug/l	99
86) p-Isopropyltoluene	13.729	119	404449	53.901	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	205160	50.548	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206394	50.060	ug/l	98
89) n-Butylbenzene	14.059	91	321562	50.740	ug/l	99
90) Hexachloroethane	14.335	117	69749	53.883	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	204959	51.806	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26650	53.182	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	106026	52.296	ug/l	98
94) Hexachlorobutadiene	15.500	225	53720	50.869	ug/l	96
95) Naphthalene	15.641	128	345882	54.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	105086	52.737	ug/l	97

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

