

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083017.D
 Acq On : 23 Jul 2024 17:36
 Operator : JC\MD
 Sample : VN0723WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	76122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	130985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	121017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	52591	49.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.580%		
35) Dibromofluoromethane	8.171	113	41839	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.571	98	149512	48.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.847	95	46216	41.445	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	82.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17285	17.539	ug/l	99
3) Chloromethane	2.359	50	14395	15.402	ug/l	97
4) Vinyl Chloride	2.512	62	17543	17.872	ug/l	98
5) Bromomethane	2.948	94	13056	18.448	ug/l	95
6) Chloroethane	3.112	64	14694	21.876	ug/l #	88
7) Trichlorofluoromethane	3.489	101	27242	19.296	ug/l	97
8) Diethyl Ether	3.959	74	8185	16.940	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	16589	20.761	ug/l	97
10) Methyl Iodide	4.583	142	11885	14.508	ug/l	96
11) Tert butyl alcohol	5.530	59	15900	88.591	ug/l	96
12) 1,1-Dichloroethene	4.342	96	13617	17.523	ug/l #	75
13) Acrolein	4.189	56	2633	20.320	ug/l	97
14) Allyl chloride	5.030	41	18955	15.644	ug/l #	92
15) Acrylonitrile	5.724	53	40694	98.661	ug/l	99
16) Acetone	4.430	43	42480	113.072	ug/l	99
17) Carbon Disulfide	4.712	76	34735	14.959	ug/l	97
18) Methyl Acetate	5.030	43	26202	26.357	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	46990	17.530	ug/l	92
20) Methylene Chloride	5.289	84	18506	20.397	ug/l #	71
21) trans-1,2-Dichloroethene	5.789	96	14862	17.651	ug/l	89
22) Diisopropyl ether	6.677	45	48228	19.026	ug/l #	92
23) Vinyl Acetate	6.606	43	173318	86.100	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	31048	20.193	ug/l	99
25) 2-Butanone	7.488	43	58343	102.848	ug/l	93
26) 2,2-Dichloropropane	7.500	77	27594	19.302	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	18642	18.911	ug/l	86
28) Bromochloromethane	7.818	49	12532	18.999	ug/l #	83
29) Tetrahydrofuran	7.847	42	34595	96.870	ug/l #	86
30) Chloroform	7.965	83	33778	20.708	ug/l	97
31) Cyclohexane	8.259	56	22616	16.211	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	29602	19.546	ug/l	98
36) 1,1-Dichloropropene	8.371	75	20738	17.896	ug/l	99
37) Ethyl Acetate	7.571	43	23556	19.966	ug/l	99
38) Carbon Tetrachloride	8.365	117	25414	18.214	ug/l	89
39) Methylcyclohexane	9.606	83	18369	14.675	ug/l	89
40) Benzene	8.606	78	66252	18.586	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	12143	19.105	ug/l	89
42) 1,2-Dichloroethane	8.671	62	25590	19.942	ug/l	99
43) Isopropyl Acetate	8.694	43	50187	20.829	ug/l	96
44) Trichloroethene	9.353	130	15251	16.700	ug/l	98
45) 1,2-Dichloropropane	9.624	63	16965	20.386	ug/l	91
46) Dibromomethane	9.706	93	13092	20.194	ug/l	97
47) Bromodichloromethane	9.888	83	27593	20.598	ug/l	98
48) Methyl methacrylate	9.682	41	16310	17.631	ug/l	85
49) 1,4-Dioxane	9.700	88	7198	352.597	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	122752	104.950	ug/l	96
52) Toluene	10.635	92	42185	18.945	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	24697	17.896	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	26308	18.010	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	17157	20.954	ug/l	97
56) Ethyl methacrylate	10.877	69	23020	18.071	ug/l	91
57) 1,3-Dichloropropane	11.165	76	28068	19.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	69519	106.353	ug/l	95
59) 2-Hexanone	11.200	43	92222	106.052	ug/l	98
60) Dibromochloromethane	11.365	129	20517	19.673	ug/l	98
61) 1,2-Dibromoethane	11.471	107	17029	19.584	ug/l	96
64) Tetrachloroethene	11.106	164	14200	15.728	ug/l	98
65) Chlorobenzene	11.894	112	47924	18.481	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	18743	20.320	ug/l	99
67) Ethyl Benzene	11.965	91	73162	16.786	ug/l	99
68) m/p-Xylenes	12.076	106	56828	34.536	ug/l	95
69) o-Xylene	12.400	106	26027	16.508	ug/l	96
70) Styrene	12.412	104	46128	17.707	ug/l	98
71) Bromoform	12.582	173	13868	19.117	ug/l #	98
73) Isopropylbenzene	12.700	105	65952	15.766	ug/l	98
74) N-amyl acetate	12.494	43	30818	17.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	25632	20.460	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19500m	19.647	ug/l	
77) Bromobenzene	12.976	156	18307	16.964	ug/l	97
78) n-propylbenzene	13.035	91	79555	16.541	ug/l	98
79) 2-Chlorotoluene	13.129	91	49483	16.147	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	55238	16.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	8149	16.148	ug/l	90
82) 4-Chlorotoluene	13.223	91	49097	16.186	ug/l	96
83) tert-Butylbenzene	13.441	119	45870	15.302	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	56999	16.539	ug/l	100
85) sec-Butylbenzene	13.617	105	63766	15.741	ug/l	99
86) p-Isopropyltoluene	13.729	119	51903	15.357	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	33263	17.062	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	33451	16.592	ug/l	98
89) n-Butylbenzene	14.059	91	42293	14.606	ug/l	98
90) Hexachloroethane	14.335	117	12628	17.658	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	32129	16.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4974	17.161	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	13921	13.654	ug/l	98
94) Hexachlorobutadiene	15.500	225	6771	14.980	ug/l	96
95) Naphthalene	15.641	128	46285	13.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	15367	14.659	ug/l	98

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

