

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081948.D
 Acq On : 01 May 2024 11:41
 Operator : JC\MD
 Sample : VN0501WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	212836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	419877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	170955	47.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.165	113	123672	48.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	10.565	98	514054	51.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.540%		
62) 4-Bromofluorobenzene	12.847	95	178823	45.562	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51748	17.320	ug/l	99
3) Chloromethane	2.360	50	53904	17.294	ug/l	95
4) Vinyl Chloride	2.512	62	54032	19.151	ug/l	95
5) Bromomethane	2.959	94	26458	18.849	ug/l	88
6) Chloroethane	3.118	64	29532	20.710	ug/l	99
7) Trichlorofluoromethane	3.501	101	75156	17.220	ug/l	94
8) Diethyl Ether	3.959	74	37139	20.032	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.383	101	50716	20.015	ug/l	93
10) Methyl Iodide	4.595	142	45588	20.541	ug/l	89
11) Tert butyl alcohol	5.512	59	60847	93.179	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52747	20.462	ug/l	87
13) Acrolein	4.177	56	40827	75.022	ug/l	97
14) Allyl chloride	5.018	41	90278	16.556	ug/l	90
15) Acrylonitrile	5.718	53	148586	94.759	ug/l	98
16) Acetone	4.424	43	103615	94.137	ug/l	98
17) Carbon Disulfide	4.712	76	133876	17.279	ug/l	99
18) Methyl Acetate	5.024	43	68608	18.857	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	185477	19.068	ug/l #	87
20) Methylene Chloride	5.277	84	62105	20.174	ug/l #	91
21) trans-1,2-Dichloroethene	5.789	96	51607	18.361	ug/l #	82
22) Diisopropyl ether	6.671	45	200418	18.995	ug/l #	93
23) Vinyl Acetate	6.606	43	794649	92.690	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	108380	19.735	ug/l	95
25) 2-Butanone	7.483	43	190337	93.358	ug/l	91
26) 2,2-Dichloropropane	7.489	77	92599	18.329	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	65187	19.848	ug/l	88
28) Bromochloromethane	7.818	49	49175	18.840	ug/l	85
29) Tetrahydrofuran	7.841	42	126347	86.418	ug/l	92
30) Chloroform	7.965	83	103696	19.049	ug/l	98
31) Cyclohexane	8.259	56	98669	18.234	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	82851	17.067	ug/l #	88
36) 1,1-Dichloropropene	8.377	75	70861	17.229	ug/l	97
37) Ethyl Acetate	7.559	43	80710	18.150	ug/l	99
38) Carbon Tetrachloride	8.365	117	64908	16.148	ug/l	90
39) Methylcyclohexane	9.600	83	91428	18.304	ug/l	92
40) Benzene	8.606	78	244379	19.794	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46823	16.502	ug/l	94
42) 1,2-Dichloroethane	8.671	62	78527	17.128	ug/l	99
43) Isopropyl Acetate	8.689	43	157349	18.819	ug/l #	92
44) Trichloroethene	9.353	130	52897	18.583	ug/l	95
45) 1,2-Dichloropropane	9.624	63	61498	19.033	ug/l	92
46) Dibromomethane	9.712	93	39475	17.676	ug/l	92
47) Bromodichloromethane	9.888	83	81941	17.398	ug/l	90
48) Methyl methacrylate	9.683	41	65993	16.533	ug/l	89
49) 1,4-Dioxane	9.694	88	23476	386.963	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	421933	89.642	ug/l	96
52) Toluene	10.630	92	146146	19.766	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	91426	17.840	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	97475	18.455	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	56095	19.291	ug/l	98
56) Ethyl methacrylate	10.871	69	98057	17.710	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	98028	18.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	247556	98.143	ug/l	92
59) 2-Hexanone	11.194	43	312326	89.163	ug/l	98
60) Dibromochloromethane	11.359	129	58686	19.055	ug/l	99
61) 1,2-Dibromoethane	11.471	107	52634	18.928	ug/l	99
64) Tetrachloroethene	11.106	164	47903	18.325	ug/l	94
65) Chlorobenzene	11.894	112	150261	19.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	48172	18.858	ug/l	96
67) Ethyl Benzene	11.965	91	276515	18.917	ug/l	94
68) m/p-Xylenes	12.071	106	203453	39.020	ug/l	96
69) o-Xylene	12.400	106	100236	19.691	ug/l	95
70) Styrene	12.412	104	167866	19.063	ug/l	97
71) Bromoform	12.582	173	33076	16.470	ug/l #	99
73) Isopropylbenzene	12.694	105	253074	19.310	ug/l	98
74) N-amyl acetate	12.494	43	128068	17.551	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	78113	19.847	ug/l	92
76) 1,2,3-Trichloropropane	12.994	75	69687m	18.233	ug/l	
77) Bromobenzene	12.982	156	54446	19.852	ug/l	80
78) n-propylbenzene	13.035	91	304448	19.124	ug/l	95
79) 2-Chlorotoluene	13.124	91	182660	18.034	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	202433	18.253	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	30925	16.580	ug/l	89
82) 4-Chlorotoluene	13.224	91	178678	18.170	ug/l	96
83) tert-Butylbenzene	13.441	119	175820	19.037	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	205334	18.540	ug/l	99
85) sec-Butylbenzene	13.618	105	251473	19.330	ug/l	96
86) p-Isopropyltoluene	13.729	119	198788	19.030	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	97806	19.112	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	98327	19.512	ug/l	96
89) n-Butylbenzene	14.059	91	184165	18.941	ug/l	97
90) Hexachloroethane	14.335	117	37952	18.469	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	93273	19.013	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	15115	15.774	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	48537	17.685	ug/l	97
94) Hexachlorobutadiene	15.500	225	17507	17.306	ug/l	96
95) Naphthalene	15.641	128	194084	18.714	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	49282	18.702	ug/l	98

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

