

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084907.D
 Acq On : 17 Nov 2024 20:01
 Operator : JC\MD
 Sample : P4845-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112MS

Quant Time: Nov 18 00:26:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	229039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	204228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99024	48.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	8.159	113	77814	50.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
50) Toluene-d8	10.565	98	280529	49.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.847	95	112401	52.663	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	76620	47.449	ug/l	98
3) Chloromethane	2.360	50	90030	47.383	ug/l	99
4) Vinyl Chloride	2.512	62	94882	54.631	ug/l	98
5) Bromomethane	2.901	94	51261	55.706	ug/l	96
6) Chloroethane	3.065	64	61105	57.033	ug/l	92
7) Trichlorofluoromethane	3.459	101	158511	55.405	ug/l	99
8) Diethyl Ether	3.954	74	49647	49.193	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.348	101	82245	50.875	ug/l	97
10) Methyl Iodide	4.571	142	117902	54.569	ug/l	97
11) Tert butyl alcohol	5.542	59	76829	286.891	ug/l	99
12) 1,1-Dichloroethene	4.324	96	77375	48.371	ug/l	90
13) Acrolein	4.171	56	72666	272.116	ug/l	96
14) Allyl chloride	5.012	41	122088	47.062	ug/l	94
15) Acrylonitrile	5.712	53	210734	271.822	ug/l	100
16) Acetone	4.430	43	169105	288.996	ug/l	97
17) Carbon Disulfide	4.701	76	205382	41.692	ug/l	100
18) Methyl Acetate	5.018	43	99015	45.927	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	266148	54.283	ug/l	98
20) Methylene Chloride	5.259	84	88552	49.626	ug/l	89
21) trans-1,2-Dichloroethene	5.771	96	80379	48.936	ug/l	98
22) Diisopropyl ether	6.671	45	254803	49.431	ug/l	98
23) Vinyl Acetate	6.595	43	879170	247.324	ug/l	97
24) 1,1-Dichloroethane	6.559	63	153509	49.603	ug/l	99
25) 2-Butanone	7.477	43	264864	279.833	ug/l	100
26) 2,2-Dichloropropane	7.483	77	120188	44.620	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	96552	50.342	ug/l	95
28) Bromochloromethane	7.806	49	58774	47.668	ug/l	88
29) Tetrahydrofuran	7.836	42	173987	277.081	ug/l	92
30) Chloroform	7.959	83	164319	52.167	ug/l	97
31) Cyclohexane	8.253	56	126802	45.270	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	154221	53.793	ug/l	96
36) 1,1-Dichloropropene	8.365	75	109740	51.039	ug/l	99
37) Ethyl Acetate	7.559	43	103208	52.906	ug/l	98
38) Carbon Tetrachloride	8.353	117	133766	55.660	ug/l	98
39) Methylcyclohexane	9.594	83	118355	54.109	ug/l	97
40) Benzene	8.600	78	351234	50.867	ug/l	98

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41) Methacrylonitrile	7.771	41	60982	58.131	ug/l	95
42) 1,2-Dichloroethane	8.665	62	122288	54.685	ug/l	99
43) Isopropyl Acetate	8.689	43	183494	50.933	ug/l	97
44) Trichloroethene	9.347	130	82031	51.512	ug/l	98
45) 1,2-Dichloropropane	9.618	63	85048	52.506	ug/l	99
46) Dibromomethane	9.706	93	61284	53.618	ug/l	94
47) Bromodichloromethane	9.888	83	130729	54.260	ug/l	99
48) Methyl methacrylate	9.677	41	86362	56.883	ug/l	94
49) 1,4-Dioxane	9.694	88	33689	1252.193	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	547087	294.185	ug/l	98
52) Toluene	10.630	92	223480	55.339	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	124643	49.979	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	129610	49.104	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	83037	54.587	ug/l	95
56) Ethyl methacrylate	10.871	69	132855	60.379	ug/l	94
57) 1,3-Dichloropropane	11.165	76	142194	54.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.312	63	678	0.658	ug/l #	48
59) 2-Hexanone	11.194	43	408191	301.554	ug/l	96
60) Dibromochloromethane	11.359	129	99887	57.614	ug/l	99
61) 1,2-Dibromoethane	11.465	107	85137	54.653	ug/l	98
64) Tetrachloroethene	11.100	164	70915	52.203	ug/l	97
65) Chlorobenzene	11.888	112	235212	51.481	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	86030	54.133	ug/l	98
67) Ethyl Benzene	11.965	91	409522	53.697	ug/l	100
68) m/p-Xylenes	12.071	106	316350	109.565	ug/l	98
69) o-Xylene	12.394	106	154115	57.058	ug/l	100
70) Styrene	12.412	104	258466	54.855	ug/l	99
71) Bromoform	12.577	173	68659	57.415	ug/l #	99
73) Isopropylbenzene	12.694	105	394665	51.995	ug/l	100
74) N-amyl acetate	12.494	43	152199	47.111	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	124200	49.021	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103026m	47.583	ug/l	
77) Bromobenzene	12.977	156	95069	46.590	ug/l	94
78) n-propylbenzene	13.035	91	449029	50.482	ug/l	98
79) 2-Chlorotoluene	13.124	91	285213	49.074	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	335797	53.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	40998	44.922	ug/l	92
82) 4-Chlorotoluene	13.218	91	282308	46.155	ug/l	98
83) tert-Butylbenzene	13.435	119	290541	55.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	339626	52.306	ug/l	99
85) sec-Butylbenzene	13.612	105	379195	51.558	ug/l	98
86) p-Isopropyltoluene	13.729	119	326047	54.054	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	175748	44.132	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	175829	48.095	ug/l	99
89) n-Butylbenzene	14.053	91	256352	45.434	ug/l	99
90) Hexachloroethane	14.329	117	62720	46.627	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	180429	47.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	24700	48.122	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	88653	42.325	ug/l	99
94) Hexachlorobutadiene	15.500	225	42073	45.741	ug/l	97
95) Naphthalene	15.641	128	279438	44.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	87032	42.804	ug/l	99

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

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