

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084935.D
 Acq On : 19 Nov 2024 09:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 00:20:14 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 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	191121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	128370	46.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.165	113	100296	46.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	10.565	98	361805	45.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.847	95	141878	47.609	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97001	44.150	ug/l	95
3) Chloromethane	2.359	50	110597	42.522	ug/l	97
4) Vinyl Chloride	2.512	62	107008	45.283	ug/l	97
5) Bromomethane	2.906	94	55094	44.003	ug/l	98
6) Chloroethane	3.077	64	70713	48.294	ug/l	93
7) Trichlorofluoromethane	3.471	101	182356	46.846	ug/l	97
8) Diethyl Ether	3.953	74	65937	48.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	105288	47.867	ug/l	99
10) Methyl Iodide	4.577	142	142160	48.358	ug/l	97
11) Tert butyl alcohol	5.536	59	87458	240.025	ug/l	99
12) 1,1-Dichloroethene	4.330	96	97079	44.604	ug/l	95
13) Acrolein	4.171	56	99160	272.913	ug/l	98
14) Allyl chloride	5.012	41	161760	45.828	ug/l	96
15) Acrylonitrile	5.712	53	260199	246.673	ug/l	99
16) Acetone	4.424	43	226860	284.903	ug/l	100
17) Carbon Disulfide	4.700	76	259868	38.771	ug/l	98
18) Methyl Acetate	5.018	43	133214	45.365	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	344516	51.644	ug/l	97
20) Methylene Chloride	5.265	84	111930	46.103	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	102229	45.743	ug/l	99
22) Diisopropyl ether	6.665	45	352685	50.286	ug/l	98
23) Vinyl Acetate	6.594	43	1255562	259.595	ug/l	98
24) 1,1-Dichloroethane	6.559	63	201578	47.872	ug/l	98
25) 2-Butanone	7.483	43	344040	267.147	ug/l	98
26) 2,2-Dichloropropane	7.488	77	182683	49.847	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	125243	47.994	ug/l	99
28) Bromochloromethane	7.806	49	95018	56.639	ug/l	96
29) Tetrahydrofuran	7.836	42	218171	255.360	ug/l	96
30) Chloroform	7.959	83	209141	48.799	ug/l	97
31) Cyclohexane	8.253	56	171769	45.071	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	189765	48.647	ug/l	99
36) 1,1-Dichloropropene	8.365	75	140999	46.967	ug/l	99
37) Ethyl Acetate	7.553	43	136462	50.101	ug/l	98
38) Carbon Tetrachloride	8.359	117	162977	48.570	ug/l	98
39) Methylcyclohexane	9.594	83	156684	51.303	ug/l	98
40) Benzene	8.600	78	451082	46.788	ug/l	99

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41) Methacrylonitrile	7.771	41	77366	52.820	ug/l	97
42) 1,2-Dichloroethane	8.665	62	155403	49.771	ug/l	99
43) Isopropyl Acetate	8.683	43	251358	49.952	ug/l	100
44) Trichloroethene	9.347	130	101462	45.632	ug/l	99
45) 1,2-Dichloropropane	9.618	63	112302	49.656	ug/l	99
46) Dibromomethane	9.706	93	77732	48.708	ug/l	99
47) Bromodichloromethane	9.882	83	165675	49.250	ug/l #	99
48) Methyl methacrylate	9.677	41	108960	51.400	ug/l	97
49) 1,4-Dioxane	9.694	88	36146	962.235	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	695093	267.698	ug/l	99
52) Toluene	10.629	92	277347	49.188	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162768	46.744	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	181142	49.151	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	104942	49.408	ug/l	97
56) Ethyl methacrylate	10.871	69	168362	54.801	ug/l	97
57) 1,3-Dichloropropane	11.159	76	179454	49.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	402039	279.659	ug/l	97
59) 2-Hexanone	11.194	43	521393	275.870	ug/l	98
60) Dibromochloromethane	11.359	129	122913	50.776	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103704	47.679	ug/l	100
64) Tetrachloroethene	11.100	164	87135	48.094	ug/l	97
65) Chlorobenzene	11.888	112	290368	47.651	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	105627	49.834	ug/l	99
67) Ethyl Benzene	11.959	91	516649	50.793	ug/l	99
68) m/p-Xylenes	12.071	106	398723	103.542	ug/l	100
69) o-Xylene	12.394	106	191427	53.139	ug/l	100
70) Styrene	12.406	104	324789	51.684	ug/l	99
71) Bromoform	12.576	173	79980	50.147	ug/l #	99
73) Isopropylbenzene	12.694	105	484105	49.323	ug/l	100
74) N-ethyl acetate	12.494	43	210044	50.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	152902	46.671	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	125541m	44.840	ug/l	
77) Bromobenzene	12.976	156	117590	44.566	ug/l	98
78) n-propylbenzene	13.035	91	560537	48.736	ug/l	99
79) 2-Chlorotoluene	13.123	91	357849	47.616	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	421482	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53699	45.503	ug/l	89
82) 4-Chlorotoluene	13.218	91	361943	45.763	ug/l	99
83) tert-Butylbenzene	13.435	119	343776	51.061	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	428779	51.069	ug/l	99
85) sec-Butylbenzene	13.612	105	480667	50.542	ug/l	99
86) p-Isopropyltoluene	13.729	119	408036	52.315	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	217656	42.268	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	216598	45.744	ug/l	100
89) n-Butylbenzene	14.053	91	343697	47.108	ug/l	100
90) Hexachloroethane	14.329	117	76160	43.786	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	219245	44.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29192	43.984	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	107065	39.531	ug/l	99
94) Hexachlorobutadiene	15.500	225	49545	41.656	ug/l	99
95) Naphthalene	15.641	128	350435	43.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106957	40.681	ug/l	98

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

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