

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084789.D
 Acq On : 12 Nov 2024 12:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 12 23:31:44 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 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	109065	48.879	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.159	113	87852	51.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.565	98	313122	50.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.847	95	119902	51.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	86414	48.658	ug/l	96
3) Chloromethane	2.359	50	96947	46.337	ug/l	98
4) Vinyl Chloride	2.512	62	104083	54.489	ug/l	99
5) Bromomethane	2.900	94	54332	53.685	ug/l	94
6) Chloroethane	3.065	64	66462	56.388	ug/l	93
7) Trichlorofluoromethane	3.465	101	172992	54.978	ug/l	98
8) Diethyl Ether	3.947	74	61243	55.175	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.353	101	89661	50.429	ug/l	97
10) Methyl Iodide	4.571	142	127582	53.690	ug/l	95
11) Tert butyl alcohol	5.541	59	84788	287.876	ug/l	99
12) 1,1-Dichloroethene	4.324	96	87644	49.818	ug/l	98
13) Acrolein	4.171	56	74742	254.488	ug/l	99
14) Allyl chloride	5.006	41	143899	50.435	ug/l	94
15) Acrylonitrile	5.712	53	235564	276.273	ug/l	99
16) Acetone	4.424	43	212106	329.991	ug/l	94
17) Carbon Disulfide	4.694	76	247935	45.763	ug/l	99
18) Methyl Acetate	5.018	43	117737	50.006	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	306974	56.928	ug/l	97
20) Methylene Chloride	5.259	84	99741	50.824	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	91159	50.462	ug/l	99
22) Diisopropyl ether	6.665	45	296192	52.246	ug/l	95
23) Vinyl Acetate	6.594	43	1133616	289.960	ug/l	97
24) 1,1-Dichloroethane	6.565	63	171708	50.448	ug/l	99
25) 2-Butanone	7.477	43	312376	300.077	ug/l	99
26) 2,2-Dichloropropane	7.482	77	157054	53.015	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	110423	52.349	ug/l	96
28) Bromochloromethane	7.812	49	70543	52.021	ug/l	92
29) Tetrahydrofuran	7.835	42	198458	287.368	ug/l	94
30) Chloroform	7.959	83	181568	52.411	ug/l	99
31) Cyclohexane	8.253	56	145304	47.168	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	166866	52.921	ug/l	97
36) 1,1-Dichloropropene	8.365	75	124621	52.906	ug/l	98
37) Ethyl Acetate	7.559	43	123386	57.735	ug/l	98
38) Carbon Tetrachloride	8.353	117	145079	55.104	ug/l	94
39) Methylcyclohexane	9.594	83	142016	59.265	ug/l	99
40) Benzene	8.600	78	392578	51.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67682	58.892	ug/l	95
42) 1,2-Dichloroethane	8.665	62	134794	55.021	ug/l	98
43) Isopropyl Acetate	8.688	43	219403	55.680	ug/l	98
44) Trichloroethene	9.347	130	91043	52.186	ug/l	95
45) 1,2-Dichloropropane	9.618	63	94618	53.321	ug/l	99
46) Dibromomethane	9.706	93	70300	56.143	ug/l	97
47) Bromodichloromethane	9.882	83	145831	55.251	ug/l #	99
48) Methyl methacrylate	9.676	41	97479	58.607	ug/l	95
49) 1,4-Dioxane	9.694	88	35391	1200.748	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	607785	298.325	ug/l	97
52) Toluene	10.629	92	244603	55.288	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	150099	54.938	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	161234	55.758	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	92641	55.590	ug/l	97
56) Ethyl methacrylate	10.870	69	153911	63.849	ug/l	95
57) 1,3-Dichloropropane	11.159	76	161214	56.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	361963	320.895	ug/l	96
59) 2-Hexanone	11.194	43	472775	318.810	ug/l	97
60) Dibromochloromethane	11.359	129	109575	57.691	ug/l	98
61) 1,2-Dibromoethane	11.465	107	95097	55.724	ug/l	99
64) Tetrachloroethene	11.100	164	80776	54.697	ug/l	99
65) Chlorobenzene	11.888	112	262430	52.835	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	95070	55.028	ug/l	99
67) Ethyl Benzene	11.959	91	462145	55.741	ug/l	99
68) m/p-Xylenes	12.070	106	350583	111.692	ug/l	99
69) o-Xylene	12.394	106	171098	58.270	ug/l	99
70) Styrene	12.406	104	291951	56.997	ug/l	99
71) Bromoform	12.576	173	77582	59.678	ug/l #	98
73) Isopropylbenzene	12.694	105	435572	55.722	ug/l	100
74) N-ethyl acetate	12.494	43	187407	56.329	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	137005	52.509	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	109030m	48.898	ug/l	
77) Bromobenzene	12.976	156	109151	51.942	ug/l	93
78) n-propylbenzene	13.035	91	508315	55.493	ug/l	98
79) 2-Chlorotoluene	13.123	91	318365	53.191	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	378231	58.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50479m	53.708	ug/l	
82) 4-Chlorotoluene	13.217	91	322432	51.189	ug/l	97
83) tert-Butylbenzene	13.435	119	309240	57.673	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	380251	56.867	ug/l	100
85) sec-Butylbenzene	13.611	105	430534	56.843	ug/l	100
86) p-Isopropyltoluene	13.729	119	368727	59.360	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	198105	48.306	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	203863	54.366	ug/l	98
89) n-Butylbenzene	14.053	91	310235	53.392	ug/l	99
90) Hexachloroethane	14.329	117	70777	51.093	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	202260	51.324	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28671	54.241	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	110902	51.415	ug/l	100
94) Hexachlorobutadiene	15.500	225	49038	51.769	ug/l	98
95) Naphthalene	15.641	128	353754	54.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	108676	51.902	ug/l	99

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

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