

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084884.D
 Acq On : 17 Nov 2024 10:27
 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 18 00:14:25 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	147052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	233847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104486	49.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.159	113	80892	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.200%
50) Toluene-d8	10.565	98	298125	51.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.847	95	115235	52.881	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	85642	50.662	ug/l	97
3) Chloromethane	2.359	50	105273	53.234	ug/l	97
4) Vinyl Chloride	2.512	62	104856	57.670	ug/l	98
5) Bromomethane	2.906	94	56153	58.290	ug/l	98
6) Chloroethane	3.077	64	68316	61.006	ug/l	93
7) Trichlorofluoromethane	3.477	101	182167	60.822	ug/l	99
8) Diethyl Ether	3.953	74	54444	51.530	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	92456	54.630	ug/l	98
10) Methyl Iodide	4.577	142	124345	54.974	ug/l	98
11) Tert butyl alcohol	5.542	59	65726	234.440	ug/l	98
12) 1,1-Dichloroethene	4.330	96	84784	50.629	ug/l	97
13) Acrolein	4.171	56	63973	228.835	ug/l	99
14) Allyl chloride	5.018	41	131930	48.579	ug/l	94
15) Acrylonitrile	5.712	53	210561	259.437	ug/l	99
16) Acetone	4.424	43	152067	247.834	ug/l	96
17) Carbon Disulfide	4.700	76	229814	44.563	ug/l	99
18) Methyl Acetate	5.018	43	102414	45.324	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	285182	55.561	ug/l	96
20) Methylene Chloride	5.271	84	96094	51.441	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	87723	51.015	ug/l	94
22) Diisopropyl ether	6.665	45	274151	50.803	ug/l	95
23) Vinyl Acetate	6.594	43	1001662	269.164	ug/l	96
24) 1,1-Dichloroethane	6.559	63	169917	52.446	ug/l	98
25) 2-Butanone	7.477	43	255483	257.834	ug/l	99
26) 2,2-Dichloropropane	7.483	77	161527	57.282	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	105614	52.601	ug/l	95
28) Bromochloromethane	7.806	49	63288	49.031	ug/l	89
29) Tetrahydrofuran	7.836	42	166134	252.727	ug/l	93
30) Chloroform	7.959	83	181740	55.114	ug/l	99
31) Cyclohexane	8.253	56	141656	48.309	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	166907	55.610	ug/l	96
36) 1,1-Dichloropropene	8.365	75	120640	54.955	ug/l	98
37) Ethyl Acetate	7.553	43	106974	53.709	ug/l	98
38) Carbon Tetrachloride	8.359	117	149719	61.018	ug/l	96
39) Methylcyclohexane	9.594	83	132827	59.477	ug/l	95
40) Benzene	8.600	78	386451	54.816	ug/l	99

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Reviewed By : John Carlone 11/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59774	55.808	ug/l	93
42) 1,2-Dichloroethane	8.665	62	130159	57.008	ug/l	100
43) Isopropyl Acetate	8.683	43	199122	54.197	ug/l	97
44) Trichloroethene	9.347	130	89234	54.883	ug/l	96
45) 1,2-Dichloropropane	9.618	63	92152	55.722	ug/l	96
46) Dibromomethane	9.706	93	65896	56.468	ug/l	95
47) Bromodichloromethane	9.882	83	141085	57.355	ug/l #	99
48) Methyl methacrylate	9.677	41	86548	55.834	ug/l	96
49) 1,4-Dioxane	9.694	88	29425	1071.216	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	538388	283.555	ug/l	97
52) Toluene	10.629	92	239806	58.161	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	139427	54.758	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	152643	56.641	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	89581	57.678	ug/l	97
56) Ethyl methacrylate	10.871	69	135889	60.488	ug/l	94
57) 1,3-Dichloropropane	11.159	76	150590	56.495	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	324802	308.972	ug/l	95
59) 2-Hexanone	11.194	43	411111	297.467	ug/l	97
60) Dibromochloromethane	11.353	129	107918	60.967	ug/l	100
61) 1,2-Dibromoethane	11.465	107	88131	55.412	ug/l	99
64) Tetrachloroethene	11.100	164	78342	57.166	ug/l	97
65) Chlorobenzene	11.888	112	249886	54.214	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	94720	59.081	ug/l	99
67) Ethyl Benzene	11.959	91	447730	58.194	ug/l	100
68) m/p-Xylenes	12.065	106	344419	118.244	ug/l	99
69) o-Xylene	12.394	106	163698	60.076	ug/l	99
70) Styrene	12.406	104	278820	58.658	ug/l	99
71) Bromoform	12.576	173	72226	59.870	ug/l #	97
73) Isopropylbenzene	12.694	105	425803	55.067	ug/l	100
74) N-amyl acetate	12.494	43	161800	49.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	127059	49.228	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107155m	48.581	ug/l	
77) Bromobenzene	12.976	156	105138	50.578	ug/l	94
78) n-propylbenzene	13.029	91	494615	54.586	ug/l	99
79) 2-Chlorotoluene	13.123	91	312472	52.777	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	375218	58.547	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45130	48.541	ug/l	96
82) 4-Chlorotoluene	13.218	91	313997	50.394	ug/l	98
83) tert-Butylbenzene	13.435	119	306116	57.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	376891	56.979	ug/l	99
85) sec-Butylbenzene	13.612	105	425039	56.730	ug/l	99
86) p-Isopropyltoluene	13.729	119	364391	59.302	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	194204	47.871	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	194472	52.363	ug/l	99
89) n-Butylbenzene	14.053	91	296231	51.538	ug/l	99
90) Hexachloroethane	14.329	117	70031	51.106	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	192828	49.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25094	47.992	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	95193	44.613	ug/l	98
94) Hexachlorobutadiene	15.500	225	46712	49.852	ug/l	100
95) Naphthalene	15.635	128	296724	46.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	96931	46.798	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

