

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084865.D
 Acq On : 14 Nov 2024 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 00:55:00 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	154458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	257560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118263	53.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.020%
35) Dibromofluoromethane	8.159	113	95481	54.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.540%
50) Toluene-d8	10.565	98	349403	54.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.847	95	145577	60.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90548	50.995	ug/l	97
3) Chloromethane	2.359	50	100510	48.147	ug/l	97
4) Vinyl Chloride	2.512	62	113020	59.180	ug/l	98
5) Bromomethane	2.901	94	57233	56.562	ug/l	95
6) Chloroethane	3.065	64	71759	61.008	ug/l #	88
7) Trichlorofluoromethane	3.465	101	188618	59.956	ug/l	99
8) Diethyl Ether	3.953	74	60031	54.094	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	98246	55.268	ug/l	97
10) Methyl Iodide	4.577	142	134346	56.548	ug/l	94
11) Tert butyl alcohol	5.547	59	81019	275.133	ug/l #	73
12) 1,1-Dichloroethene	4.330	96	93430	53.117	ug/l	99
13) Acrolein	4.171	56	83754	285.228	ug/l	98
14) Allyl chloride	5.006	41	149686	52.474	ug/l	94
15) Acrylonitrile	5.712	53	237530	278.633	ug/l	99
16) Acetone	4.430	43	175437	272.496	ug/l	99
17) Carbon Disulfide	4.700	76	249369	46.036	ug/l	98
18) Methyl Acetate	5.012	43	121426	51.720	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	320324	59.415	ug/l	97
20) Methylene Chloride	5.265	84	104193	53.103	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	96301	53.319	ug/l	96
22) Diisopropyl ether	6.665	45	311806	55.011	ug/l	96
23) Vinyl Acetate	6.594	43	1121677	286.962	ug/l	99
24) 1,1-Dichloroethane	6.559	63	184283	54.153	ug/l	97
25) 2-Butanone	7.483	43	295027	283.466	ug/l	99
26) 2,2-Dichloropropane	7.488	77	163764	55.291	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	117705	55.812	ug/l	96
28) Bromochloromethane	7.806	49	68374	50.431	ug/l	93
29) Tetrahydrofuran	7.835	42	193866	280.773	ug/l	93
30) Chloroform	7.959	83	194689	56.209	ug/l	99
31) Cyclohexane	8.253	56	155622	50.527	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	179419	56.913	ug/l	96
36) 1,1-Dichloropropene	8.371	75	132597	54.841	ug/l	99
37) Ethyl Acetate	7.559	43	121066	55.188	ug/l	98
38) Carbon Tetrachloride	8.359	117	155935	57.700	ug/l	98
39) Methylcyclohexane	9.594	83	148163	60.236	ug/l	99
40) Benzene	8.600	78	421218	54.247	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68289	57.888	ug/l	95
42) 1,2-Dichloroethane	8.665	62	142990	56.862	ug/l	98
43) Isopropyl Acetate	8.688	43	229159	56.674	ug/l	98
44) Trichloroethene	9.347	130	99486	55.555	ug/l	100
45) 1,2-Dichloropropane	9.618	63	102946	56.518	ug/l	98
46) Dibromomethane	9.706	93	71318	55.488	ug/l	95
47) Bromodichloromethane	9.882	83	154237	56.929	ug/l	99
48) Methyl methacrylate	9.677	41	99110	58.051	ug/l	93
49) 1,4-Dioxane	9.694	88	34687	1146.518	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	614537	293.862	ug/l	97
52) Toluene	10.629	92	265421	58.447	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	153923	54.885	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	168017	56.606	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97165	56.801	ug/l	94
56) Ethyl methacrylate	10.871	69	159650	64.522	ug/l	93
57) 1,3-Dichloropropane	11.159	76	165453	56.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	355001	306.608	ug/l	96
59) 2-Hexanone	11.194	43	461617	303.260	ug/l	96
60) Dibromochloromethane	11.359	129	116037	59.518	ug/l	100
61) 1,2-Dibromoethane	11.465	107	100560	57.406	ug/l	99
64) Tetrachloroethene	11.100	164	86588	56.004	ug/l	94
65) Chlorobenzene	11.888	112	276751	53.221	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	98202	54.293	ug/l	98
67) Ethyl Benzene	11.959	91	499412	57.536	ug/l	99
68) m/p-Xylenes	12.065	106	374085	113.836	ug/l	97
69) o-Xylene	12.394	106	182822	59.471	ug/l	100
70) Styrene	12.406	104	306221	57.103	ug/l	99
71) Bromoform	12.576	173	80205	58.930	ug/l #	98
73) Isopropylbenzene	12.694	105	467384	52.412	ug/l	99
74) N-amyl acetate	12.494	43	191385	50.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138860	46.651	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	118128m	46.439	ug/l	
77) Bromobenzene	12.976	156	112278	46.835	ug/l	94
78) n-propylbenzene	13.035	91	531105	50.824	ug/l	98
79) 2-Chlorotoluene	13.123	91	336578	49.293	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	406718	55.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50051	46.680	ug/l	94
82) 4-Chlorotoluene	13.218	91	340721	47.416	ug/l	98
83) tert-Butylbenzene	13.435	119	338748	55.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	415241	54.434	ug/l	98
85) sec-Butylbenzene	13.612	105	454969	52.655	ug/l	99
86) p-Isopropyltoluene	13.729	119	391835	55.294	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	213302	45.591	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	209673	48.842	ug/l	100
89) n-Butylbenzene	14.053	91	321843	48.553	ug/l	99
90) Hexachloroethane	14.329	117	73957	46.799	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	203509	45.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27899	46.266	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105910	43.040	ug/l	99
94) Hexachlorobutadiene	15.500	225	47212	43.689	ug/l	97
95) Naphthalene	15.641	128	347298	47.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	103679	43.403	ug/l	100

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

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