

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081507.D
 Acq On : 20 Mar 2024 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 21 01:26:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	473947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	818086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	716400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	319187	50.000	ug/l	0.00

03/21/2024
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	294549	48.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.165	113	254572	49.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	10.565	98	917294	49.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.853	95	328196	49.906	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.820%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	295282	46.270	ug/l	98
3) Chloromethane	2.365	50	286376	45.071	ug/l	99
4) Vinyl Chloride	2.518	62	376908	52.857	ug/l	94
5) Bromomethane	2.953	94	196153	38.896	ug/l	91
6) Chloroethane	3.124	64	220933	45.125	ug/l	99
7) Trichlorofluoromethane	3.501	101	536324	50.466	ug/l	96
8) Diethyl Ether	3.959	74	190002	54.023	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	293502	48.605	ug/l	# 86
10) Methyl Iodide	4.589	142	318765	53.009	ug/l	98
11) Tert butyl alcohol	5.512	59	275911	261.952	ug/l	99
12) 1,1-Dichloroethene	4.342	96	281717	50.367	ug/l	89
13) Acrolein	4.177	56	250618	265.164	ug/l	96
14) Allyl chloride	5.030	41	357151	50.957	ug/l	# 86
15) Acrylonitrile	5.718	53	674074	239.218	ug/l	96
16) Acetone	4.424	43	485307	248.455	ug/l	95
17) Carbon Disulfide	4.712	76	753324	46.933	ug/l	# 94
18) Methyl Acetate	5.024	43	313802	52.109	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	968480	55.326	ug/l	96
20) Methylene Chloride	5.283	84	319626	49.954	ug/l	# 84
21) trans-1,2-Dichloroethene	5.783	96	318915	51.137	ug/l	85
22) Diisopropyl ether	6.671	45	909383	55.841	ug/l	# 91
23) Vinyl Acetate	6.600	43	3436130	265.080	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	555471	50.926	ug/l	95
25) 2-Butanone	7.483	43	817673	244.058	ug/l	# 89
26) 2,2-Dichloropropane	7.494	77	439705	46.478	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	372421	52.779	ug/l	84
28) Bromochloromethane	7.812	49	209032	47.051	ug/l	# 54
29) Tetrahydrofuran	7.836	42	554122	245.513	ug/l	# 81
30) Chloroform	7.965	83	609419	52.191	ug/l	100
31) Cyclohexane	8.259	56	472289	48.020	ug/l	# 78
32) 1,1,1-Trichloroethane	8.171	97	552086	52.114	ug/l	# 93
36) 1,1-Dichloropropene	8.371	75	437254	50.325	ug/l	95
37) Ethyl Acetate	7.559	43	351049	47.183	ug/l	95
38) Carbon Tetrachloride	8.365	117	485097	50.966	ug/l	97
39) Methylcyclohexane	9.606	83	509681	52.528	ug/l	# 84
40) Benzene	8.606	78	1350821	53.178	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	204989	52.099	ug/l	91
42) 1,2-Dichloroethane	8.671	62	446975	50.000	ug/l	97
43) Isopropyl Acetate	8.688	43	665886	53.994	ug/l #	94
44) Trichloroethene	9.353	130	368808	51.622	ug/l	97
45) 1,2-Dichloropropane	9.624	63	325183	52.822	ug/l	99
46) Dibromomethane	9.712	93	235300	50.330	ug/l #	85
47) Bromodichloromethane	9.888	83	477379	52.226	ug/l #	97
48) Methyl methacrylate	9.682	41	289787	50.944	ug/l #	81
49) 1,4-Dioxane	9.694	88	119214	872.086	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	1841615	244.721	ug/l	91
52) Toluene	10.629	92	898275	55.637	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	514989	52.176	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	545895	51.585	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	323266	49.752	ug/l	96
56) Ethyl methacrylate	10.877	69	497464	51.283	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	557245	52.316	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1154717	282.436	ug/l #	85
59) 2-Hexanone	11.194	43	1342097	241.220	ug/l	90
60) Dibromochloromethane	11.359	129	370442	51.841	ug/l	97
61) 1,2-Dibromoethane	11.471	107	343530	51.859	ug/l	97
64) Tetrachloroethene	11.106	164	375213	54.792	ug/l	90
65) Chlorobenzene	11.894	112	905765	53.483	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	341142	54.349	ug/l	97
67) Ethyl Benzene	11.965	91	1663535	56.547	ug/l	99
68) m/p-Xylenes	12.071	106	1267686	114.946	ug/l	95
69) o-Xylene	12.400	106	620723	57.331	ug/l	94
70) Styrene	12.412	104	1010168	57.850	ug/l	96
71) Bromoform	12.582	173	241898	51.285	ug/l #	95
73) Isopropylbenzene	12.694	105	1612867	59.280	ug/l	98
74) N-amyl acetate	12.494	43	574862	58.384	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	412827	51.607	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	382376m	50.081	ug/l	
77) Bromobenzene	12.982	156	376307	55.989	ug/l	70
78) n-propylbenzene	13.035	91	1845678	57.442	ug/l	95
79) 2-Chlorotoluene	13.123	91	1101996	57.304	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1312996	58.427	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	139572	49.399	ug/l	91
82) 4-Chlorotoluene	13.223	91	1072029	56.542	ug/l	94
83) tert-Butylbenzene	13.441	119	1132299	58.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1343356	59.477	ug/l	95
85) sec-Butylbenzene	13.618	105	1595485	57.593	ug/l	93
86) p-Isopropyltoluene	13.729	119	1353830	59.784	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	678454	54.941	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	651827	50.978	ug/l	97
89) n-Butylbenzene	14.059	91	1154596	57.499	ug/l	97
90) Hexachloroethane	14.335	117	231645	54.013	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	636878	53.585	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87017	51.113	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	384268	55.915	ug/l	99
94) Hexachlorobutadiene	15.506	225	147023	48.759	ug/l	98
95) Naphthalene	15.641	128	1322454	59.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	381875	55.243	ug/l	99

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

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

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