

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082915.D
 Acq On : 15 Jul 2024 13:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 16 01:23:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

07/16/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	114093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	204146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84720	52.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.940%	
35) Dibromofluoromethane	8.165	113	66153	52.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.920%	
50) Toluene-d8	10.571	98	264422	57.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.640%#	
62) 4-Bromofluorobenzene	12.853	95	103158	62.251	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 124.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89544	60.621	ug/l	97
3) Chloromethane	2.359	50	84281	60.166	ug/l	98
4) Vinyl Chloride	2.506	62	86281	58.646	ug/l	97
5) Bromomethane	2.930	94	53415	50.356	ug/l	98
6) Chloroethane	3.100	64	57958	57.568	ug/l	98
7) Trichlorofluoromethane	3.483	101	108933	51.480	ug/l	93
8) Diethyl Ether	3.959	74	37906	52.343	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	64686	54.013	ug/l	98
10) Methyl Iodide	4.583	142	61001	49.682	ug/l	98
11) Tert butyl alcohol	5.536	59	68487	254.597	ug/l	98
12) 1,1-Dichloroethene	4.330	96	58654	50.360	ug/l	85
13) Acrolein	4.183	56	51699	266.199	ug/l	96
14) Allyl chloride	5.018	41	95945	52.833	ug/l	91
15) Acrylonitrile	5.724	53	173158	280.096	ug/l	100
16) Acetone	4.430	43	144419	256.476	ug/l	96
17) Carbon Disulfide	4.706	76	163265	46.911	ug/l	100
18) Methyl Acetate	5.030	43	85620	57.464	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	209490	52.143	ug/l	98
20) Methylene Chloride	5.277	84	69064	50.787	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	63683	50.462	ug/l	88
22) Diisopropyl ether	6.677	45	210363	55.370	ug/l #	96
23) Vinyl Acetate	6.606	43	839822	278.354	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	123237	53.476	ug/l	96
25) 2-Butanone	7.488	43	238825	280.892	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	118134	55.133	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	78474	53.114	ug/l	90
28) Bromochloromethane	7.812	49	52021	52.619	ug/l #	83
29) Tetrahydrofuran	7.841	42	155340	290.209	ug/l #	85
30) Chloroform	7.965	83	134993	55.216	ug/l	98
31) Cyclohexane	8.259	56	101168	48.384	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	120644	53.150	ug/l	96
36) 1,1-Dichloropropene	8.371	75	90503	52.554	ug/l	98
37) Ethyl Acetate	7.565	43	98665	56.275	ug/l #	95
38) Carbon Tetrachloride	8.365	117	105171	50.723	ug/l	98
39) Methylcyclohexane	9.606	83	93564	50.299	ug/l	90
40) Benzene	8.606	78	286776	54.137	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52643	55.734	ug/l	94
42) 1,2-Dichloroethane	8.671	62	101171	53.053	ug/l	97
43) Isopropyl Acetate	8.694	43	170005	51.515	ug/l #	93
44) Trichloroethene	9.353	130	67769	49.936	ug/l	100
45) 1,2-Dichloropropane	9.624	63	71312	57.663	ug/l	95
46) Dibromomethane	9.712	93	53133	55.149	ug/l	100
47) Bromodichloromethane	9.888	83	108963	54.736	ug/l	97
48) Methyl methacrylate	9.682	41	75387	54.837	ug/l #	86
49) 1,4-Dioxane	9.700	88	34433	1155.717	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	530018	304.935	ug/l	93
52) Toluene	10.635	92	189202	57.178	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	116098	56.611	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	119578	55.087	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	72060	59.221	ug/l	96
56) Ethyl methacrylate	10.876	69	116130	61.345	ug/l	86
57) 1,3-Dichloropropane	11.165	76	123927	57.537	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	285896	294.317	ug/l	97
59) 2-Hexanone	11.200	43	420770	325.605	ug/l	91
60) Dibromochloromethane	11.365	129	89783	57.932	ug/l	99
61) 1,2-Dibromoethane	11.470	107	76897	59.509	ug/l	99
64) Tetrachloroethene	11.106	164	68096	44.710	ug/l	96
65) Chlorobenzene	11.894	112	229991	52.575	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	82520	53.033	ug/l	99
67) Ethyl Benzene	11.965	91	392844	53.432	ug/l	100
68) m/p-Xylenes	12.070	106	306873	110.554	ug/l	97
69) o-Xylene	12.400	106	145685	54.775	ug/l	94
70) Styrene	12.412	104	256690	58.411	ug/l	98
71) Bromoform	12.582	173	69409	56.720	ug/l #	99
73) Isopropylbenzene	12.700	105	365361	48.237	ug/l	99
74) N-amyl acetate	12.494	43	170291	54.354	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	118918	52.423	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95964m	53.400	ug/l	
77) Bromobenzene	12.982	156	95534	48.891	ug/l	96
78) n-propylbenzene	13.035	91	440568	50.590	ug/l	99
79) 2-Chlorotoluene	13.129	91	272587	49.125	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	317152	51.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	48174	52.721	ug/l	99
82) 4-Chlorotoluene	13.223	91	273706	49.835	ug/l	97
83) tert-Butylbenzene	13.441	119	262742	48.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	319404	51.185	ug/l	98
85) sec-Butylbenzene	13.617	105	364729	49.726	ug/l	99
86) p-Isopropyltoluene	13.729	119	312450	51.057	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	178207	50.485	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	176257	48.282	ug/l	99
89) n-Butylbenzene	14.059	91	265812	50.700	ug/l	100
90) Hexachloroethane	14.335	117	62472	48.245	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	169176	49.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25428	48.453	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	87877	47.601	ug/l	99
94) Hexachlorobutadiene	15.500	225	36522	44.626	ug/l	100
95) Naphthalene	15.641	128	304018	48.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	88460	46.603	ug/l	98

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

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