

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082309.D
 Acq On : 23 May 2024 09:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

05/24/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 24 04:12:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156132	50.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.480%	
35) Dibromofluoromethane	8.171	113	108642	52.807	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.620%	
50) Toluene-d8	10.571	98	403436	51.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.853	95	149712	53.178	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.360%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	123765	43.619	ug/l	100
3) Chloromethane	2.359	50	143518	44.631	ug/l	100
4) Vinyl Chloride	2.512	62	138161	45.703	ug/l	100
5) Bromomethane	2.948	94	77537	44.623	ug/l	95
6) Chloroethane	3.118	64	95024	48.139	ug/l	98
7) Trichlorofluoromethane	3.495	101	187073	47.258	ug/l	97
8) Diethyl Ether	3.959	74	70502	49.994	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	106066	45.867	ug/l	98
10) Methyl Iodide	4.589	142	116357	50.053	ug/l	93
11) Tert butyl alcohol	5.518	59	123264	247.104	ug/l	99
12) 1,1-Dichloroethene	4.342	96	101882	47.402	ug/l	84
13) Acrolein	4.183	56	61567	166.553	ug/l	99
14) Allyl chloride	5.024	41	209679	45.566	ug/l #	91
15) Acrylonitrile	5.718	53	329823	255.297	ug/l	99
16) Acetone	4.430	43	300233	235.517	ug/l	90
17) Carbon Disulfide	4.712	76	285597	41.141	ug/l	98
18) Methyl Acetate	5.024	43	161222	50.784	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	393628	50.104	ug/l	95
20) Methylene Chloride	5.277	84	122502	47.629	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	109208	46.626	ug/l #	75
22) Diisopropyl ether	6.671	45	478147	49.760	ug/l #	92
23) Vinyl Acetate	6.606	43	1909831	252.091	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	239855	48.429	ug/l	96
25) 2-Butanone	7.483	43	488894	252.950	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	202073	48.711	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	135970	49.190	ug/l	81
28) Bromochloromethane	7.812	49	111050	51.669	ug/l #	75
29) Tetrahydrofuran	7.841	42	325950	262.663	ug/l #	82
30) Chloroform	7.965	83	235784	49.853	ug/l	99
31) Cyclohexane	8.259	56	212476	42.810	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	209679	49.972	ug/l	93
36) 1,1-Dichloropropene	8.371	75	167974	48.681	ug/l	95
37) Ethyl Acetate	7.565	43	198000	51.275	ug/l	96
38) Carbon Tetrachloride	8.365	117	178128	50.925	ug/l	99
39) Methylcyclohexane	9.606	83	180854	47.817	ug/l #	89
40) Benzene	8.606	78	514924	50.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	114234	50.301	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	200500	50.665	ug/l	95
43) Isopropyl Acetate	8.688	43	400461	58.526	ug/l #	85
44) Trichloroethene	9.353	130	116528	49.856	ug/l	95
45) 1,2-Dichloropropane	9.624	63	134787	50.771	ug/l	100
46) Dibromomethane	9.712	93	87971	50.472	ug/l	99
47) Bromodichloromethane	9.888	83	191076	51.929	ug/l	97
48) Methyl methacrylate	9.682	41	173208	53.125	ug/l #	82
49) 1,4-Dioxane	9.700	88	52856	1156.910	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1055353	271.464	ug/l	90
52) Toluene	10.629	92	321677	52.095	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	203593	53.500	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	209683	52.054	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	116909	52.100	ug/l	97
56) Ethyl methacrylate	10.877	69	210255	55.189	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	216660	51.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	524254	266.785	ug/l	91
59) 2-Hexanone	11.200	43	785103	275.809	ug/l	89
60) Dibromochloromethane	11.365	129	139579	56.365	ug/l	97
61) 1,2-Dibromoethane	11.471	107	118765	51.529	ug/l	99
64) Tetrachloroethene	11.106	164	113934	49.941	ug/l	96
65) Chlorobenzene	11.894	112	338930	49.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	119928	53.545	ug/l	99
67) Ethyl Benzene	11.965	91	622893	51.209	ug/l	97
68) m/p-Xylenes	12.071	106	464313	104.152	ug/l	94
69) o-Xylene	12.400	106	223778	51.820	ug/l	92
70) Styrene	12.412	104	384564	53.614	ug/l	96
71) Bromoform	12.582	173	95658	53.647	ug/l #	97
73) Isopropylbenzene	12.694	105	575100	48.183	ug/l	98
74) N-amyl acetate	12.494	43	318721	48.546	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	169218	49.182	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	163290m	51.638	ug/l	
77) Bromobenzene	12.982	156	138527	48.701	ug/l	88
78) n-propylbenzene	13.035	91	696670	49.290	ug/l	97
79) 2-Chlorotoluene	13.129	91	421955	47.543	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	485292	50.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	66367m	49.089	ug/l	
82) 4-Chlorotoluene	13.223	91	425600	49.046	ug/l	94
83) tert-Butylbenzene	13.441	119	408066	48.330	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	492846	49.913	ug/l	96
85) sec-Butylbenzene	13.618	105	580947	49.640	ug/l	98
86) p-Isopropyltoluene	13.729	119	487383	51.243	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	251277	48.760	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	252331	47.975	ug/l	98
89) n-Butylbenzene	14.059	91	429071	50.191	ug/l	98
90) Hexachloroethane	14.335	117	89780	50.947	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	242621	49.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36344	51.412	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	131898	48.239	ug/l	97
94) Hexachlorobutadiene	15.506	225	56279	46.908	ug/l	99
95) Naphthalene	15.641	128	449196	52.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	132790	48.512	ug/l	97

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

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