

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081336.D
 Acq On : 08 Mar 2024 09:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/11/2024
 Supervised By : Mahesh Dadoda 03/11/2024

Quant Time: Mar 09 00:53:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	571055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243525	53.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	8.165	113	188719	53.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.571	98	676562	51.730	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.853	95	254694	55.098	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	210054	50.223	ug/l	98
3) Chloromethane	2.359	50	202563	44.837	ug/l	100
4) Vinyl Chloride	2.518	62	207969	44.127	ug/l	95
5) Bromomethane	2.948	94	138027	43.850	ug/l	94
6) Chloroethane	3.118	64	141109	43.592	ug/l	96
7) Trichlorofluoromethane	3.495	101	317212	45.497	ug/l	91
8) Diethyl Ether	3.953	74	119164	48.512	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	177098	44.605	ug/l	93
10) Methyl Iodide	4.589	142	196726	54.145	ug/l	98
11) Tert butyl alcohol	5.518	59	192922	241.852	ug/l	99
12) 1,1-Dichloroethene	4.342	96	169523	46.105	ug/l	93
13) Acrolein	4.171	56	232517	246.165	ug/l	97
14) Allyl chloride	5.024	41	250203	45.852	ug/l #	88
15) Acrylonitrile	5.712	53	517070	248.125	ug/l	98
16) Acetone	4.424	43	361462	223.634	ug/l	98
17) Carbon Disulfide	4.712	76	453182	43.184	ug/l	96
18) Methyl Acetate	5.024	43	259512	56.079	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	639667	51.295	ug/l	94
20) Methylene Chloride	5.277	84	203973	51.095	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	187155	45.147	ug/l	90
22) Diisopropyl ether	6.671	45	628351	51.845	ug/l #	91
23) Vinyl Acetate	6.600	43	2537059	257.673	ug/l	96
24) 1,1-Dichloroethane	6.571	63	357258	48.154	ug/l	99
25) 2-Butanone	7.483	43	652608	241.098	ug/l	93
26) 2,2-Dichloropropane	7.489	77	310194	47.306	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	223740	47.606	ug/l	92
28) Bromochloromethane	7.812	49	168838	53.185	ug/l #	71
29) Tetrahydrofuran	7.836	42	452483	245.145	ug/l	89
30) Chloroform	7.971	83	380499	49.422	ug/l	99
31) Cyclohexane	8.253	56	301555	43.661	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	331260	48.677	ug/l	93
36) 1,1-Dichloropropene	8.371	75	267162	47.332	ug/l	97
37) Ethyl Acetate	7.559	43	280366	50.813	ug/l	99
38) Carbon Tetrachloride	8.365	117	272974	48.052	ug/l	97
39) Methylcyclohexane	9.600	83	312589	48.121	ug/l	86
40) Benzene	8.606	78	800972	47.541	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145325	46.640	ug/l	92
42) 1,2-Dichloroethane	8.671	62	305469	51.423	ug/l	99
43) Isopropyl Acetate	8.688	43	476774	49.369	ug/l	98
44) Trichloroethene	9.353	130	207580	48.851	ug/l	98
45) 1,2-Dichloropropane	9.624	63	211484	49.968	ug/l	94
46) Dibromomethane	9.706	93	154686	51.852	ug/l	93
47) Bromodichloromethane	9.888	83	303784	52.455	ug/l #	95
48) Methyl methacrylate	9.682	41	224018	52.478	ug/l	92
49) 1,4-Dioxane	9.694	88	92682	985.048	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1455082	259.486	ug/l	96
52) Toluene	10.629	92	504669	49.587	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	341646	54.523	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	353604	52.274	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	212541	52.662	ug/l	94
56) Ethyl methacrylate	10.877	69	317264	54.745	ug/l	91
57) 1,3-Dichloropropane	11.165	76	363743	51.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	842669	270.315	ug/l #	88
59) 2-Hexanone	11.200	43	1101073	262.652	ug/l	98
60) Dibromochloromethane	11.359	129	226894	54.588	ug/l	97
61) 1,2-Dibromoethane	11.471	107	216007	51.583	ug/l	97
64) Tetrachloroethene	11.106	164	197737	48.126	ug/l	91
65) Chlorobenzene	11.894	112	534167	48.307	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	204656	50.578	ug/l	98
67) Ethyl Benzene	11.965	91	976132	49.006	ug/l	99
68) m/p-Xylenes	12.071	106	727212	97.009	ug/l	100
69) o-Xylene	12.400	106	367184	50.541	ug/l	95
70) Styrene	12.412	104	611774	53.137	ug/l	98
71) Bromoform	12.582	173	149241	53.126	ug/l #	98
73) Isopropylbenzene	12.700	105	947344	47.936	ug/l	99
74) N-amyl acetate	12.494	43	415568	50.116	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	291948	47.868	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	273412m	47.297	ug/l	
77) Bromobenzene	12.982	156	218217	46.571	ug/l	80
78) n-propylbenzene	13.035	91	1152876	49.321	ug/l	97
79) 2-Chlorotoluene	13.129	91	671895	47.026	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	812131	49.713	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	104286	50.348	ug/l #	79
82) 4-Chlorotoluene	13.223	91	688509	48.787	ug/l	97
83) tert-Butylbenzene	13.441	119	665478	47.515	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	819371	49.504	ug/l	96
85) sec-Butylbenzene	13.618	105	995847	49.149	ug/l	95
86) p-Isopropyltoluene	13.729	119	828685	50.999	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	420732	47.553	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	415683	47.005	ug/l	98
89) n-Butylbenzene	14.059	91	760351	51.026	ug/l	96
90) Hexachloroethane	14.335	117	138895	48.824	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	405508	47.769	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63785	48.872	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	231597	51.040	ug/l	98
94) Hexachlorobutadiene	15.500	225	85961	45.847	ug/l	98
95) Naphthalene	15.641	128	850079	52.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	233364	50.714	ug/l	98

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

