

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN080997.D
 Acq On : 12 Feb 2024 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 13 03:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/13/2024
 Supervised By : Mahesh Dadoda 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	469284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	822124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	812961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	334286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	282242	47.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.171	113	252197	57.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	114.340%		
50) Toluene-d8	10.571	98	896106	56.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.320%		
62) 4-Bromofluorobenzene	12.853	95	356375	61.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	251421	47.289	ug/l	94
3) Chloromethane	2.359	50	250208	45.296	ug/l	97
4) Vinyl Chloride	2.512	62	389222	56.055	ug/l	91
5) Bromomethane	2.948	94	198782	44.501	ug/l	88
6) Chloroethane	3.112	64	207101	42.293	ug/l	97
7) Trichlorofluoromethane	3.489	101	443542	48.786	ug/l	92
8) Diethyl Ether	3.953	74	156060	48.045	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	243263	47.565	ug/l #	88
10) Methyl Iodide	4.583	142	259325	52.432	ug/l	99
11) Tert butyl alcohol	5.518	59	188390	230.962	ug/l	99
12) 1,1-Dichloroethene	4.342	96	237830	47.271	ug/l	84
13) Acrolein	4.177	56	264261	257.050	ug/l	99
14) Allyl chloride	5.024	41	305742	45.864	ug/l #	83
15) Acrylonitrile	5.718	53	525829	235.840	ug/l	96
16) Acetone	4.424	43	351749	180.598	ug/l	94
17) Carbon Disulfide	4.712	76	569160	44.850	ug/l	96
18) Methyl Acetate	5.018	43	281265	48.784	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	817080	48.755	ug/l	94
20) Methylene Chloride	5.277	84	271571	46.022	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	271130	48.006	ug/l	84
22) Diisopropyl ether	6.671	45	749766	48.523	ug/l #	92
23) Vinyl Acetate	6.600	43	2692450	264.435	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	478002	47.501	ug/l	94
25) 2-Butanone	7.477	43	634491	202.960	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	459193	49.901	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	327316	49.876	ug/l	81
28) Bromochloromethane	7.812	49	193344	46.174	ug/l #	49
29) Tetrahydrofuran	7.836	42	423726	221.692	ug/l #	77
30) Chloroform	7.965	83	519099	46.677	ug/l	94
31) Cyclohexane	8.259	56	335569	41.474	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	484874	50.317	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	367732	56.033	ug/l	95
37) Ethyl Acetate	7.559	43	267583	53.884	ug/l	95
38) Carbon Tetrachloride	8.359	117	407773	60.611	ug/l	97
39) Methylcyclohexane	9.600	83	357415	48.863	ug/l #	83
40) Benzene	8.606	78	1116752	55.902	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	157486	53.215	ug/l	91
42) 1,2-Dichloroethane	8.671	62	372437	53.545	ug/l	97
43) Isopropyl Acetate	8.688	43	492458	53.929	ug/l #	89
44) Trichloroethene	9.353	130	307137	50.617	ug/l	90
45) 1,2-Dichloropropane	9.624	63	270770	50.236	ug/l	100
46) Dibromomethane	9.712	93	202791	50.880	ug/l #	87
47) Bromodichloromethane	9.888	83	414638	53.186	ug/l #	99
48) Methyl methacrylate	9.682	41	223772	43.494	ug/l #	80
49) 1,4-Dioxane	9.694	88	89324	940.297	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1428536	259.587	ug/l	90
52) Toluene	10.629	92	731792	54.689	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	445505	59.058	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	474106	55.990	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	286412	55.380	ug/l	93
56) Ethyl methacrylate	10.877	69	391402	63.264	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	465808	55.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1018936	271.280	ug/l #	82
59) 2-Hexanone	11.194	43	1062459	254.728	ug/l	90
60) Dibromochloromethane	11.359	129	323799	61.273	ug/l	99
61) 1,2-Dibromoethane	11.471	107	293594	56.910	ug/l	97
64) Tetrachloroethene	11.106	164	269409	43.904	ug/l	92
65) Chlorobenzene	11.894	112	859834	50.466	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	341173	55.491	ug/l	96
67) Ethyl Benzene	11.965	91	1496828	51.000	ug/l	95
68) m/p-Xylenes	12.071	106	1206791	108.228	ug/l	92
69) o-Xylene	12.400	106	588989	54.437	ug/l	91
70) Styrene	12.412	104	990364	60.989	ug/l	94
71) Bromoform	12.582	173	238319	57.874	ug/l #	98
73) Isopropylbenzene	12.700	105	1417497	54.523	ug/l	96
74) N-amyl acetate	12.494	43	453507	48.393	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	410513	50.759	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	327634m	48.069	ug/l	
77) Bromobenzene	12.982	156	335090	51.082	ug/l	66
78) n-propylbenzene	13.041	91	1464275	49.886	ug/l	93
79) 2-Chlorotoluene	13.129	91	894720	48.234	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	1059956	50.160	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	134267	53.520	ug/l	88
82) 4-Chlorotoluene	13.223	91	910102	49.176	ug/l	91
83) tert-Butylbenzene	13.441	119	889141	49.362	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1066357	50.666	ug/l	94
85) sec-Butylbenzene	13.618	105	1245011	51.437	ug/l	93
86) p-Isopropyltoluene	13.729	119	1061532	51.896	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	597535	51.148	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	591398	49.885	ug/l	95
89) n-Butylbenzene	14.059	91	899034	49.756	ug/l	96
90) Hexachloroethane	14.335	117	172409	53.453	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	577826	51.627	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66747	44.123	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	298436	53.904	ug/l	99
94) Hexachlorobutadiene	15.500	225	123719	51.543	ug/l	95
95) Naphthalene	15.641	128	965715	52.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	287715	52.794	ug/l	98

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

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