

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081350.D
 Acq On : 08 Mar 2024 16:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 00:59:25 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	8.224	168	307878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	512225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	221840	49.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.171	113	176317	52.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.080%		
50) Toluene-d8	10.571	98	653003	51.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.120%		
62) 4-Bromofluorobenzene	12.853	95	234907	52.474	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	210811	51.654	ug/l	99
3) Chloromethane	2.359	50	200509	45.482	ug/l	98
4) Vinyl Chloride	2.512	62	222062	48.286	ug/l	93
5) Bromomethane	2.948	94	132903	43.269	ug/l	89
6) Chloroethane	3.112	64	150353	47.599	ug/l	98
7) Trichlorofluoromethane	3.495	101	335841	49.363	ug/l	93
8) Diethyl Ether	3.959	74	118117	49.278	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	181731	46.907	ug/l	92
10) Methyl Iodide	4.589	142	191250	53.943	ug/l	98
11) Tert butyl alcohol	5.524	59	178797	229.700	ug/l	100
12) 1,1-Dichloroethene	4.336	96	169849	47.339	ug/l	95
13) Acrolein	4.177	56	181094	196.476	ug/l	100
14) Allyl chloride	5.024	41	257257	48.314	ug/l #	89
15) Acrylonitrile	5.718	53	514089	252.810	ug/l	99
16) Acetone	4.430	43	382443	242.480	ug/l	100
17) Carbon Disulfide	4.712	76	459803	44.901	ug/l	96
18) Methyl Acetate	5.024	43	249896	55.340	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	606346	49.828	ug/l	97
20) Methylene Chloride	5.277	84	203757	52.326	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	185876	45.950	ug/l	94
22) Diisopropyl ether	6.671	45	617284	52.194	ug/l #	96
23) Vinyl Acetate	6.600	43	2433973	253.331	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	361497	49.933	ug/l #	93
25) 2-Butanone	7.483	43	659903	249.836	ug/l	97
26) 2,2-Dichloropropane	7.494	77	312133	48.782	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	222489	48.513	ug/l	89
28) Bromochloromethane	7.812	49	148669	47.993	ug/l #	67
29) Tetrahydrofuran	7.836	42	440038	244.312	ug/l #	87
30) Chloroform	7.965	83	379902	50.567	ug/l	99
31) Cyclohexane	8.259	56	300131	44.532	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	339383	51.106	ug/l	92
36) 1,1-Dichloropropene	8.371	75	276271	50.542	ug/l	97
37) Ethyl Acetate	7.565	43	259427	48.551	ug/l	98
38) Carbon Tetrachloride	8.365	117	287092	52.185	ug/l	99
39) Methylcyclohexane	9.600	83	317102	50.407	ug/l	90
40) Benzene	8.612	78	821756	50.365	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	149583	49.571	ug/l	98
42) 1,2-Dichloroethane	8.671	62	298044	51.809	ug/l	99
43) Isopropyl Acetate	8.688	43	453645	48.505	ug/l #	97
44) Trichloroethene	9.353	130	212278	51.586	ug/l	92
45) 1,2-Dichloropropane	9.624	63	209301	51.065	ug/l	99
46) Dibromomethane	9.712	93	144977	50.182	ug/l	92
47) Bromodichloromethane	9.888	83	297065	52.967	ug/l #	98
48) Methyl methacrylate	9.683	41	215960	52.240	ug/l	92
49) 1,4-Dioxane	9.694	88	90077	988.574	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1420599	261.596	ug/l	96
52) Toluene	10.630	92	516889	52.443	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	322041	53.069	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	344170	52.538	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	203444	52.052	ug/l	94
56) Ethyl methacrylate	10.877	69	313117	55.791	ug/l	90
57) 1,3-Dichloropropane	11.165	76	353444	51.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	801389	265.454	ug/l #	89
59) 2-Hexanone	11.200	43	1073248	264.361	ug/l	96
60) Dibromochloromethane	11.359	129	216159	53.701	ug/l	100
61) 1,2-Dibromoethane	11.471	107	207099	51.068	ug/l	97
64) Tetrachloroethene	11.106	164	201997	50.365	ug/l	91
65) Chlorobenzene	11.894	112	543678	50.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	201071	50.907	ug/l	97
67) Ethyl Benzene	11.965	91	1004285	51.652	ug/l	99
68) m/p-Xylenes	12.071	106	752161	102.791	ug/l	99
69) o-Xylene	12.400	106	371832	52.432	ug/l	97
70) Styrene	12.412	104	619104	55.089	ug/l	98
71) Bromoform	12.582	173	143885	52.472	ug/l #	96
73) Isopropylbenzene	12.700	105	986090	51.830	ug/l	100
74) N-amyl acetate	12.494	43	409716	51.325	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	283388	48.266	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	272718m	49.006	ug/l	
77) Bromobenzene	12.982	156	214057	47.454	ug/l	82
78) n-propylbenzene	13.041	91	1177550	52.329	ug/l	97
79) 2-Chlorotoluene	13.129	91	688232	50.036	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	828002	52.649	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	98003	49.148	ug/l	89
82) 4-Chlorotoluene	13.223	91	693252	51.027	ug/l	95
83) tert-Butylbenzene	13.441	119	718485	53.288	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	830360	52.113	ug/l	97
85) sec-Butylbenzene	13.618	105	1027599	52.682	ug/l	95
86) p-Isopropyltoluene	13.729	119	844089	53.961	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	414670	48.684	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	405489	47.629	ug/l	98
89) n-Butylbenzene	14.059	91	753381	52.518	ug/l	97
90) Hexachloroethane	14.335	117	142625	52.078	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	390160	47.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	58410	46.488	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	216308	49.519	ug/l	100
94) Hexachlorobutadiene	15.500	225	81916	45.383	ug/l	96
95) Naphthalene	15.641	128	789269	50.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	220157	49.698	ug/l	99

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

