

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079021.D
 Acq On : 23 Aug 2023 17:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2023
 Supervised By : Mahesh Dadoda 08/25/2023

Quant Time: Aug 24 01:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	190094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	309547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146629	49.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.171	113	112756	49.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	10.570	98	416545	48.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.540%		
62) 4-Bromofluorobenzene	12.853	95	145901	52.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	123739	46.913	ug/l	95
3) Chloromethane	2.365	50	137766	37.409	ug/l	96
4) Vinyl Chloride	2.512	62	147624	45.709	ug/l	98
5) Bromomethane	2.936	94	84160	45.387	ug/l	96
6) Chloroethane	3.106	64	98569	43.658	ug/l	97
7) Trichlorofluoromethane	3.489	101	183451	46.636	ug/l	99
8) Diethyl Ether	3.959	74	69573	46.653	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.365	101	97310	46.447	ug/l	98
10) Methyl Iodide	4.588	142	119240	50.869	ug/l	95
11) Tert butyl alcohol	5.535	59	114555	230.790	ug/l	100
12) 1,1-Dichloroethene	4.341	96	95863	46.973	ug/l #	82
13) Acrolein	4.183	56	72224	277.978	ug/l	99
14) Allyl chloride	5.024	41	176372	43.422	ug/l #	87
15) Acrylonitrile	5.724	53	323743	240.760	ug/l	99
16) Acetone	4.436	43	332748	272.627	ug/l	88
17) Carbon Disulfide	4.712	76	258273	45.211	ug/l	95
18) Methyl Acetate	5.030	43	240428	46.630	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	361196	49.133	ug/l	93
20) Methylene Chloride	5.283	84	121191	46.594	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	110530	48.298	ug/l #	79
22) Diisopropyl ether	6.677	45	424724	49.428	ug/l #	91
23) Vinyl Acetate	6.612	43	1364607	241.188	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	219390	46.736	ug/l	97
25) 2-Butanone	7.488	43	485971	248.346	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	189775	50.014	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	131118	47.139	ug/l	85
28) Bromochloromethane	7.818	49	117834	47.320	ug/l #	72
29) Tetrahydrofuran	7.841	42	318635	246.008	ug/l #	71
30) Chloroform	7.971	83	229393	48.914	ug/l	94
31) Cyclohexane	8.259	56	171958	46.425	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	196270	49.082	ug/l	95
36) 1,1-Dichloropropene	8.376	75	164005	47.399	ug/l	97
37) Ethyl Acetate	7.565	43	185538	47.926	ug/l #	90
38) Carbon Tetrachloride	8.371	117	167856	48.416	ug/l	99
39) Methylcyclohexane	9.606	83	150032	47.147	ug/l #	84
40) Benzene	8.612	78	493900	48.293	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	98796	46.857	ug/l #	80
42) 1,2-Dichloroethane	8.671	62	182949	47.881	ug/l	98
43) Isopropyl Acetate	8.694	43	363967	53.191	ug/l #	82
44) Trichloroethene	9.359	130	118201	48.641	ug/l	95
45) 1,2-Dichloropropane	9.629	63	131836	48.417	ug/l	98
46) Dibromomethane	9.712	93	90533	48.474	ug/l	95
47) Bromodichloromethane	9.894	83	181968	49.341	ug/l	95
48) Methyl methacrylate	9.688	41	149484	48.210	ug/l #	76
49) 1,4-Dioxane	9.700	88	53957	1021.637	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	992241	244.494	ug/l #	86
52) Toluene	10.635	92	314330	50.059	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	197444	49.923	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	212628	49.364	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	122653	48.717	ug/l	95
56) Ethyl methacrylate	10.882	69	196743	50.411	ug/l #	73
57) 1,3-Dichloropropane	11.170	76	219798	48.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	402207	214.690	ug/l	90
59) 2-Hexanone	11.200	43	733053	249.384	ug/l	84
60) Dibromochloromethane	11.365	129	136590	51.555	ug/l	99
61) 1,2-Dibromoethane	11.476	107	129271	50.526	ug/l	96
64) Tetrachloroethene	11.112	164	93472	48.151	ug/l	93
65) Chlorobenzene	11.894	112	322917	49.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	124136	49.851	ug/l	97
67) Ethyl Benzene	11.970	91	582239	48.591	ug/l	96
68) m/p-Xylenes	12.076	106	443731	99.047	ug/l	97
69) o-Xylene	12.400	106	218272	50.085	ug/l	99
70) Styrene	12.417	104	363707	50.051	ug/l	98
71) Bromoform	12.582	173	97183	53.682	ug/l #	99
73) Isopropylbenzene	12.700	105	533780	45.213	ug/l	100
74) N-amyl acetate	12.500	43	270444	45.383	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	196163	46.018	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	153758m	45.069	ug/l	
77) Bromobenzene	12.982	156	134292	47.323	ug/l	99
78) n-propylbenzene	13.041	91	628089	45.879	ug/l	99
79) 2-Chlorotoluene	13.129	91	385866	45.438	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	437322	46.744	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	63075	47.230	ug/l #	83
82) 4-Chlorotoluene	13.223	91	373142	44.906	ug/l	98
83) tert-Butylbenzene	13.441	119	378719	48.179	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	438663	47.352	ug/l	98
85) sec-Butylbenzene	13.623	105	506492	46.820	ug/l	100
86) p-Isopropyltoluene	13.735	119	414118	47.913	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	227246	46.537	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	224386	45.910	ug/l	99
89) n-Butylbenzene	14.058	91	328028	46.118	ug/l	99
90) Hexachloroethane	14.335	117	81791	47.208	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	232510	47.880	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34969	49.569	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	84222	48.924	ug/l	98
94) Hexachlorobutadiene	15.505	225	44805	50.052	ug/l	100
95) Naphthalene	15.647	128	252150	39.230	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88663	47.024	ug/l	97

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

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