

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079569.D
 Acq On : 13 Oct 2023 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 23:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	258038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	403370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201621	48.190	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	8.171	113	161071	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	10.571	98	596201	51.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.120%		
62) 4-Bromofluorobenzene	12.853	95	193617	52.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	152843	41.336	ug/l	99
3) Chloromethane	2.365	50	174152	37.747	ug/l	98
4) Vinyl Chloride	2.518	62	197261	41.105	ug/l	95
5) Bromomethane	2.942	94	114694	39.924	ug/l	98
6) Chloroethane	3.112	64	135037	37.324	ug/l	100
7) Trichlorofluoromethane	3.495	101	246416	43.490	ug/l	94
8) Diethyl Ether	3.965	74	91375	45.236	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	138456	41.815	ug/l	99
10) Methyl Iodide	4.589	142	156527	54.477	ug/l	94
11) Tert butyl alcohol	5.518	59	109980	174.653	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	131333	43.078	ug/l	84
13) Acrolein	4.177	56	112811	179.918	ug/l	96
14) Allyl chloride	5.024	41	204687	41.604	ug/l	90
15) Acrylonitrile	5.724	53	380822	208.598	ug/l	99
16) Acetone	4.424	43	354829	213.821	ug/l	91
17) Carbon Disulfide	4.712	76	369359	38.840	ug/l	100
18) Methyl Acetate	5.024	43	308947	38.037	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	457254	46.160	ug/l	93
20) Methylene Chloride	5.277	84	165368	45.452	ug/l #	85
21) trans-1,2-Dichloroethene	5.794	96	145320	40.811	ug/l	88
22) Diisopropyl ether	6.671	45	515480	46.725	ug/l #	89
23) Vinyl Acetate	6.606	43	1419566	228.755	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	298350	44.188	ug/l	97
25) 2-Butanone	7.488	43	507229	205.939	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	244619	47.408	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	176161	45.539	ug/l	87
28) Bromochloromethane	7.812	49	166746	51.905	ug/l #	73
29) Tetrahydrofuran	7.835	42	324916	203.973	ug/l #	76
30) Chloroform	7.965	83	307837	45.125	ug/l	90
31) Cyclohexane	8.259	56	241041	40.615	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	256298	44.643	ug/l	93
36) 1,1-Dichloropropene	8.371	75	225148	46.941	ug/l	95
37) Ethyl Acetate	7.565	43	207330	43.441	ug/l #	93
38) Carbon Tetrachloride	8.365	117	221231	46.073	ug/l	98
39) Methylcyclohexane	9.606	83	212505	46.114	ug/l #	88
40) Benzene	8.606	78	666959	46.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	112037	44.652	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	238029	45.988	ug/l	99
43) Isopropyl Acetate	8.688	43	352190	42.121	ug/l #	90
44) Trichloroethene	9.353	130	152830	45.584	ug/l	99
45) 1,2-Dichloropropane	9.624	63	174609	46.524	ug/l	99
46) Dibromomethane	9.712	93	114367	47.050	ug/l	94
47) Bromodichloromethane	9.888	83	239950	47.989	ug/l	100
48) Methyl methacrylate	9.682	41	161873	45.178	ug/l #	81
49) 1,4-Dioxane	9.700	88	57116	865.422	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1038492	220.018	ug/l	90
52) Toluene	10.635	92	409015	48.780	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	248802	49.377	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	274284	49.725	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	160125	47.568	ug/l	95
56) Ethyl methacrylate	10.876	69	234314	50.655	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	283052	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	445483	251.477	ug/l	90
59) 2-Hexanone	11.200	43	742267	217.929	ug/l	88
60) Dibromochloromethane	11.365	129	169786	50.186	ug/l	98
61) 1,2-Dibromoethane	11.471	107	154905	46.370	ug/l	98
64) Tetrachloroethene	11.106	164	122678	44.210	ug/l	96
65) Chlorobenzene	11.894	112	415916	46.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	158734	48.260	ug/l	98
67) Ethyl Benzene	11.965	91	770858	49.371	ug/l	97
68) m/p-Xylenes	12.076	106	577202	101.743	ug/l	95
69) o-Xylene	12.400	106	275387	49.359	ug/l	92
70) Styrene	12.412	104	464625	52.722	ug/l	99
71) Bromoform	12.582	173	111064	46.137	ug/l #	99
73) Isopropylbenzene	12.700	105	712110	42.953	ug/l	100
74) N-amyl acetate	12.500	43	281733	41.452	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	226746	42.183	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	198781m	38.688	ug/l	
77) Bromobenzene	12.982	156	163549	40.232	ug/l	98
78) n-propylbenzene	13.041	91	847725	45.194	ug/l	97
79) 2-Chlorotoluene	13.129	91	503731	41.968	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	584509	44.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	69365	39.171	ug/l #	85
82) 4-Chlorotoluene	13.223	91	490175	42.916	ug/l	100
83) tert-Butylbenzene	13.441	119	464793	43.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	581512	46.610	ug/l	100
85) sec-Butylbenzene	13.617	105	666611	44.619	ug/l	100
86) p-Isopropyltoluene	13.729	119	543796	47.447	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	284715	44.159	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277515	41.685	ug/l	98
89) n-Butylbenzene	14.059	91	449835	49.150	ug/l	97
90) Hexachloroethane	14.335	117	108866	46.719	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	270723	43.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34118	35.589	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	87905	45.130	ug/l	97
94) Hexachlorobutadiene	15.506	225	61756	40.708	ug/l	99
95) Naphthalene	15.647	128	223671	37.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	92095	39.620	ug/l	99

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

