

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079397.D
 Acq On : 30 Sep 2023 19:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/02/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Quant Time: Oct 02 02:01:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	114127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	207105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119789	77.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 155.500%#			
35) Dibromofluoromethane	8.171	113	92120	58.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.540%			
50) Toluene-d8	10.571	98	275801	47.511	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.020%			
62) 4-Bromofluorobenzene	12.853	95	89120	48.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34728	30.754	ug/l	99
3) Chloromethane	2.365	50	87804	59.232	ug/l	99
4) Vinyl Chloride	2.518	62	85392	52.867	ug/l	98
5) Bromomethane	2.936	94	55422	59.694	ug/l	97
6) Chloroethane	3.112	64	68766	66.893	ug/l	90
7) Trichlorofluoromethane	3.495	101	86477	36.562	ug/l	99
8) Diethyl Ether	3.965	74	59666	72.680	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	45258	35.981	ug/l	99
10) Methyl Iodide	4.589	142	88863	86.365	ug/l	99
11) Tert butyl alcohol	5.530	59	96689	339.941	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55183	45.335	ug/l #	74
13) Acrolein	4.177	56	140474	517.753	ug/l	96
14) Allyl chloride	5.024	41	114768	59.106	ug/l #	89
15) Acrylonitrile	5.718	53	292326	396.366	ug/l	99
16) Acetone	4.430	43	238308	364.216	ug/l	97
17) Carbon Disulfide	4.712	76	132595	34.854	ug/l	99
18) Methyl Acetate	5.024	43	231790	86.196	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	324775	77.798	ug/l	93
20) Methylene Chloride	5.271	84	104050	65.348	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	75368	53.376	ug/l #	77
22) Diisopropyl ether	6.677	45	357452	83.901	ug/l #	92
23) Vinyl Acetate	6.606	43	1045069	398.806	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	182486	69.483	ug/l	96
25) 2-Butanone	7.488	43	377924	398.089	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	100599	46.677	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	104702	64.848	ug/l	87
28) Bromochloromethane	7.812	49	88581	74.597	ug/l #	73
29) Tetrahydrofuran	7.841	42	255387	422.726	ug/l #	75
30) Chloroform	7.971	83	195816	71.610	ug/l	92
31) Cyclohexane	8.265	56	73207	32.544	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	130573	56.017	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93700	38.451	ug/l	95
37) Ethyl Acetate	7.565	43	159067	65.444	ug/l #	89
38) Carbon Tetrachloride	8.365	117	93878	37.227	ug/l	97
39) Methylcyclohexane	9.606	83	62450	25.981	ug/l #	89
40) Benzene	8.612	78	378281	50.709	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83037	67.757	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	165345	64.384	ug/l	97
43) Isopropyl Acetate	8.694	43	321455	81.054	ug/l #	83
44) Trichloroethene	9.353	130	76234	41.484	ug/l	99
45) 1,2-Dichloropropane	9.629	63	114293	61.735	ug/l	97
46) Dibromomethane	9.712	93	79963	63.625	ug/l	97
47) Bromodichloromethane	9.888	83	163404	63.478	ug/l	96
48) Methyl methacrylate	9.682	41	121166	68.208	ug/l #	81
49) 1,4-Dioxane	9.700	88	42610	1166.192	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	823735	357.804	ug/l	88
52) Toluene	10.635	92	210672	45.954	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	157098	57.878	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	168643	58.090	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	113341	63.007	ug/l	97
56) Ethyl methacrylate	10.876	69	166654	65.629	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	193720	62.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	323078	296.269	ug/l	89
59) 2-Hexanone	11.200	43	573193	343.753	ug/l	88
60) Dibromochloromethane	11.365	129	116296	60.746	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107095	59.656	ug/l	97
64) Tetrachloroethene	11.106	164	52728	34.916	ug/l	98
65) Chlorobenzene	11.894	112	225095	47.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	98702	56.102	ug/l	97
67) Ethyl Benzene	11.965	91	353489	44.048	ug/l	94
68) m/p-Xylenes	12.070	106	267913	89.566	ug/l	95
69) o-Xylene	12.400	106	142540	49.686	ug/l	96
70) Styrene	12.418	104	247666	53.678	ug/l	97
71) Bromoform	12.582	173	76908	59.214	ug/l #	98
73) Isopropylbenzene	12.700	105	303137	36.894	ug/l	100
74) N-amyl acetate	12.500	43	201225	64.552	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	171041	55.903	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	144399m	59.328	ug/l	
77) Bromobenzene	12.982	156	91416	43.940	ug/l	88
78) n-propylbenzene	13.041	91	353709	38.322	ug/l	96
79) 2-Chlorotoluene	13.129	91	247924	41.069	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	268828	39.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	49632	56.061	ug/l #	85
82) 4-Chlorotoluene	13.223	91	231248	40.767	ug/l	100
83) tert-Butylbenzene	13.441	119	221633	39.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	293562	45.024	ug/l	99
85) sec-Butylbenzene	13.617	105	285245	36.583	ug/l	99
86) p-Isopropyltoluene	13.735	119	234456	37.637	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	152241	44.614	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	148564	43.085	ug/l	100
89) n-Butylbenzene	14.059	91	173314	35.380	ug/l	98
90) Hexachloroethane	14.335	117	53985	42.675	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	161897	48.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25951	55.795	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	43338	35.800	ug/l	96
94) Hexachlorobutadiene	15.506	225	24242	25.457	ug/l	99
95) Naphthalene	15.647	128	129069	35.898	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49761	34.848	ug/l	97

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

