

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079352.D
 Acq On : 26 Sep 2023 16:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 09/27/2023

Quant Time: Sep 27 06:26:29 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)	09/27/2023
Internal Standards							09/27/2023
1) Pentafluorobenzene	8.224	168	171874	50.000	ug/l	0.00	Supervised By :Mahesh
34) 1,4-Difluorobenzene	9.106	114	301680	50.000	ug/l	0.00	Padoda
63) Chlorobenzene-d5	11.870	117	277767	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.794	152	125138	50.000	ug/l	0.00	
System Monitoring Compounds							09/27/2023
33) 1,2-Dichloroethane-d4	8.582	65	126372	54.468	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.940%	
35) Dibromofluoromethane	8.171	113	100746	50.204	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%	
50) Toluene-d8	10.571	98	366754	49.774	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%	
62) 4-Bromofluorobenzene	12.853	95	123611	52.592	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.180%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.124	85	84916	49.933	ug/l	99	
3) Chloromethane	2.365	50	106727	47.807	ug/l	98	
4) Vinyl Chloride	2.518	62	127602	52.457	ug/l	94	
5) Bromomethane	2.942	94	73921	52.868	ug/l	96	
6) Chloroethane	3.118	64	93989	60.618	ug/l	100	
7) Trichlorofluoromethane	3.495	101	184010	51.660	ug/l	97	
8) Diethyl Ether	3.965	74	66996	54.190	ug/l	67	
9) 1,1,2-Trichlorotrifluo...	4.365	101	95997	50.677	ug/l	98	
10) Methyl Iodide	4.589	142	102944	66.435	ug/l	99	
11) Tert butyl alcohol	5.524	59	86900	202.873	ug/l #	87	
12) 1,1-Dichloroethene	4.336	96	88244	48.139	ug/l	87	
13) Acrolein	4.177	56	110339	270.044	ug/l	97	
14) Allyl chloride	5.024	41	140035	47.888	ug/l	88	
15) Acrylonitrile	5.718	53	292238	263.114	ug/l	100	
16) Acetone	4.430	43	283498	287.706	ug/l	90	
17) Carbon Disulfide	4.712	76	218632	38.161	ug/l	100	
18) Methyl Acetate	5.024	43	222289	54.889	ug/l #	84	
19) Methyl tert-butyl Ether	5.794	73	335558	53.375	ug/l	94	
20) Methylene Chloride	5.277	84	114083	47.576	ug/l #	82	
21) trans-1,2-Dichloroethene	5.789	96	101923	47.930	ug/l	85	
22) Diisopropyl ether	6.677	45	380053	59.234	ug/l #	89	
23) Vinyl Acetate	6.606	43	1093726	277.142	ug/l #	87	
24) 1,1-Dichloroethane	6.571	63	214921	54.338	ug/l	99	
25) 2-Butanone	7.488	43	398812	278.947	ug/l #	82	
26) 2,2-Dichloropropane	7.494	77	177455	54.673	ug/l	99	
27) cis-1,2-Dichloroethene	7.488	96	126419	51.992	ug/l	86	
28) Bromochloromethane	7.818	49	99633	55.714	ug/l #	73	
29) Tetrahydrofuran	7.841	42	250526	275.354	ug/l #	75	
30) Chloroform	7.965	83	225076	54.656	ug/l	94	
31) Cyclohexane	8.259	56	165114	48.739	ug/l	86	
32) 1,1,1-Trichloroethane	8.171	97	188227	53.620	ug/l	95	
36) 1,1-Dichloropropene	8.377	75	155670	50.328	ug/l	96	
37) Ethyl Acetate	7.559	43	158263	51.298	ug/l #	90	
38) Carbon Tetrachloride	8.365	117	157584	49.232	ug/l	96	
39) Methylcyclohexane	9.606	83	152543	49.997	ug/l #	82	
40) Benzene	8.606	78	472421	49.893	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	90492	58.174	ug/l	#	83
42) 1,2-Dichloroethane	8.677	62	171749	52.688	ug/l		97
43) Isopropyl Acetate	8.694	43	265485	52.739	ug/l	#	89
44) Trichloroethene	9.353	130	110058	47.183	ug/l		95
45) 1,2-Dichloropropane	9.624	63	129052	54.917	ug/l		97
46) Dibromomethane	9.712	93	83634	52.427	ug/l		95
47) Bromodichloromethane	9.888	83	179526	54.944	ug/l		100
48) Methyl methacrylate	9.682	41	123891	54.945	ug/l	#	80
49) 1,4-Dioxane	9.694	88	43548	938.988	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	816676	279.474	ug/l		89
52) Toluene	10.635	92	291886	50.160	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	183380	53.226	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	196303	53.271	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	119960	52.537	ug/l		95
56) Ethyl methacrylate	10.876	69	175444	54.432	ug/l	#	82
57) 1,3-Dichloropropane	11.165	76	207011	52.446	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	397994	288.541	ug/l		89
59) 2-Hexanone	11.200	43	590833	279.154	ug/l		88
60) Dibromochloromethane	11.365	129	127751	52.571	ug/l		100
61) 1,2-Dibromoethane	11.471	107	115905	50.866	ug/l		97
64) Tetrachloroethene	11.106	164	87871	43.385	ug/l		99
65) Chlorobenzene	11.894	112	304551	48.399	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	115561	48.975	ug/l		98
67) Ethyl Benzene	11.965	91	565702	52.559	ug/l		97
68) m/p-Xylenes	12.076	106	427229	106.493	ug/l		96
69) o-Xylene	12.400	106	206815	53.752	ug/l		96
70) Styrene	12.412	104	347126	56.095	ug/l		98
71) Bromoform	12.582	173	83162	47.741	ug/l	#	100
73) Isopropylbenzene	12.700	105	538416	47.290	ug/l		99
74) N-amyl acetate	12.500	43	214900	49.751	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	177293	41.818	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	154048m	45.676	ug/l		
77) Bromobenzene	12.982	156	120435	41.776	ug/l		94
78) n-propylbenzene	13.041	91	652157	50.991	ug/l		97
79) 2-Chlorotoluene	13.129	91	383339	45.826	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	450947	47.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	53882	43.922	ug/l		88
82) 4-Chlorotoluene	13.223	91	374971	47.705	ug/l		99
83) tert-Butylbenzene	13.441	119	369422	47.072	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	447119	49.489	ug/l		99
85) sec-Butylbenzene	13.617	105	542687	50.228	ug/l		99
86) p-Isopropyltoluene	13.735	119	439400	50.904	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	221583	46.861	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	214248	44.840	ug/l		99
89) n-Butylbenzene	14.059	91	367672	54.166	ug/l		99
90) Hexachloroethane	14.335	117	84314	48.099	ug/l		87
91) 1,2-Dichlorobenzene	14.112	146	213919	45.828	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28290	43.895	ug/l		98
93) 1,2,4-Trichlorobenzene	15.400	180	76649	45.694	ug/l		97
94) Hexachlorobutadiene	15.500	225	50588	38.337	ug/l		96
95) Naphthalene	15.647	128	201266	40.398	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	80443	40.655	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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