

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079325.D
 Acq On : 21 Sep 2023 16:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 22 02:32:43 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						09/22/2023
1) Pentafluorobenzene	8.230	168	174264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127919	50.000	ug/l	0.00
System Monitoring Compounds						09/22/2023
33) 1,2-Dichloroethane-d4	8.583	65	121760	51.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.520%
35) Dibromofluoromethane	8.171	113	96028	46.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.140%
50) Toluene-d8	10.571	98	349083	45.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.853	95	132853	54.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	86207	49.996	ug/l	98
3) Chloromethane	2.365	50	107653	47.561	ug/l	97
4) Vinyl Chloride	2.518	62	125712	50.972	ug/l	97
5) Bromomethane	2.948	94	71963	50.762	ug/l	99
6) Chloroethane	3.118	64	86721	55.074	ug/l	99
7) Trichlorofluoromethane	3.501	101	164951	45.674	ug/l	94
8) Diethyl Ether	3.959	74	61781	49.286	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	94019	48.952	ug/l	99
10) Methyl Iodide	4.589	142	100842	64.186	ug/l	96
11) Tert butyl alcohol	5.524	59	85696	197.318	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85032	45.750	ug/l #	83
13) Acrolein	4.183	56	112238	270.924	ug/l	98
14) Allyl chloride	5.030	41	139133	46.927	ug/l	89
15) Acrylonitrile	5.724	53	279698	248.370	ug/l	100
16) Acetone	4.424	43	260744	260.985	ug/l	89
17) Carbon Disulfide	4.712	76	217834	37.500	ug/l	99
18) Methyl Acetate	5.024	43	210710	51.316	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	323653	50.775	ug/l	92
20) Methylene Chloride	5.283	84	114167	46.958	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	98663	45.761	ug/l #	82
22) Diisopropyl ether	6.677	45	365241	56.145	ug/l #	91
23) Vinyl Acetate	6.606	43	1083861	270.876	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	207747	51.804	ug/l	98
25) 2-Butanone	7.489	43	372573	257.020	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	173043	52.582	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	123446	50.073	ug/l	86
28) Bromochloromethane	7.818	49	88694	48.917	ug/l #	76
29) Tetrahydrofuran	7.841	42	241031	261.285	ug/l #	75
30) Chloroform	7.971	83	214430	51.356	ug/l	94
31) Cyclohexane	8.259	56	164574	47.913	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	182126	51.171	ug/l	94
36) 1,1-Dichloropropene	8.371	75	152711	47.530	ug/l	95
37) Ethyl Acetate	7.565	43	152700	47.650	ug/l #	92
38) Carbon Tetrachloride	8.365	117	155912	46.893	ug/l	95
39) Methylcyclohexane	9.606	83	159045	50.184	ug/l #	88
40) Benzene	8.606	78	462125	46.985	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	79842	49.413	ug/l #	85	09/22/2023
42) 1,2-Dichloroethane	8.677	62	167656	49.514	ug/l	97	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.694	43	278867	53.331	ug/l #	86	
44) Trichloroethene	9.353	130	107659	44.434	ug/l	97	
45) 1,2-Dichloropropane	9.624	63	121210	49.657	ug/l	97	
46) Dibromomethane	9.712	93	83114	50.158	ug/l	98	
47) Bromodichloromethane	9.888	83	174837	51.514	ug/l	99	09/22/2023
48) Methyl methacrylate	9.682	41	117608	50.213	ug/l #	83	
49) 1,4-Dioxane	9.700	88	44516	924.065	ug/l #	84	
51) 4-Methyl-2-Pentanone	10.447	43	776244	255.731	ug/l	89	
52) Toluene	10.635	92	286914	47.467	ug/l	97	
53) t-1,3-Dichloropropene	10.841	75	180657	50.480	ug/l	98	
54) cis-1,3-Dichloropropene	10.318	75	193458	50.542	ug/l	93	
55) 1,1,2-Trichloroethane	11.018	97	111850	47.159	ug/l	90	
56) Ethyl methacrylate	10.877	69	172616	51.557	ug/l #	83	
57) 1,3-Dichloropropane	11.165	76	198905	48.513	ug/l	99	
58) 2-Chloroethyl Vinyl ether	10.165	63	344833	245.457	ug/l	90	
59) 2-Hexanone	11.200	43	559125	254.322	ug/l	88	
60) Dibromochloromethane	11.365	129	123087	48.763	ug/l	100	
61) 1,2-Dibromoethane	11.477	107	112810	47.661	ug/l	97	
64) Tetrachloroethene	11.106	164	85191	40.563	ug/l	99	
65) Chlorobenzene	11.894	112	298303	45.718	ug/l	98	
66) 1,1,1,2-Tetrachloroethane	11.965	131	118024	48.237	ug/l	98	
67) Ethyl Benzene	11.965	91	570002	51.072	ug/l	93	
68) m/p-Xylenes	12.076	106	414120	99.549	ug/l	96	
69) o-Xylene	12.400	106	198818	49.833	ug/l	92	
70) Styrene	12.412	104	335558	52.294	ug/l	98	
71) Bromoform	12.582	173	80378	44.499	ug/l #	100	
73) Isopropylbenzene	12.700	105	564175	48.476	ug/l	99	
74) N-amyl acetate	12.500	43	213847	48.431	ug/l #	87	
75) 1,1,2,2-Tetrachloroethane	12.941	83	187999	43.379	ug/l	100	
76) 1,2,3-Trichloropropane	12.994	75	164807m	47.804	ug/l		
77) Bromobenzene	12.982	156	132614	45.000	ug/l	96	
78) n-propylbenzene	13.041	91	688007	52.624	ug/l	97	
79) 2-Chlorotoluene	13.129	91	408080	47.723	ug/l	100	
80) 1,3,5-Trimethylbenzene	13.176	105	486350	50.151	ug/l	99	
81) trans-1,4-Dichloro-2-b...	12.741	75	53282	42.489	ug/l #	84	
82) 4-Chlorotoluene	13.223	91	399512	49.722	ug/l	98	
83) tert-Butylbenzene	13.441	119	385611	48.066	ug/l	98	
84) 1,2,4-Trimethylbenzene	13.488	105	472732	51.186	ug/l	100	
85) sec-Butylbenzene	13.618	105	531397	48.114	ug/l	99	
86) p-Isopropyltoluene	13.729	119	429429	48.668	ug/l	99	
87) 1,3-Dichlorobenzene	13.735	146	216903	44.874	ug/l	98	
88) 1,4-Dichlorobenzene	13.818	146	208069	42.600	ug/l	99	
89) n-Butylbenzene	14.059	91	365799	52.719	ug/l	98	
90) Hexachloroethane	14.335	117	82594	46.094	ug/l	91	
91) 1,2-Dichlorobenzene	14.112	146	205261	43.017	ug/l	99	
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27147	41.206	ug/l	99	
93) 1,2,4-Trichlorobenzene	15.394	180	80351	46.859	ug/l	98	
94) Hexachlorobutadiene	15.506	225	49340	36.578	ug/l	98	
95) Naphthalene	15.647	128	218886	42.979	ug/l	98	
96) 1,2,3-Trichlorobenzene	15.841	180	85336	42.190	ug/l	97	

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

09/22/2023
Supervised By :Mahesh
Dadoda

09/22/2023

