

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079957.D
 Acq On : 07 Nov 2023 09:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 12:33:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/07/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	323006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	533564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	298233	60.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.200%	
35) Dibromofluoromethane	8.171	113	228014	54.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.020%	
50) Toluene-d8	10.570	98	841285	54.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.853	95	310259	60.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	190812	49.043	ug/l	98
3) Chloromethane	2.359	50	228362	47.038	ug/l	99
4) Vinyl Chloride	2.512	62	278886	54.760	ug/l	98
5) Bromomethane	2.942	94	151730	49.033	ug/l	98
6) Chloroethane	3.112	64	168552	41.885	ug/l	99
7) Trichlorofluoromethane	3.494	101	326315	51.515	ug/l	98
8) Diethyl Ether	3.959	74	136413	56.749	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.365	101	176915	48.179	ug/l	99
10) Methyl Iodide	4.589	142	230342	54.930	ug/l	97
11) Tert butyl alcohol	5.524	59	207640	330.532	ug/l	99
12) 1,1-Dichloroethene	4.341	96	178576	51.362	ug/l #	82
13) Acrolein	4.177	56	135111	281.516	ug/l	99
14) Allyl chloride	5.024	41	296847	55.744	ug/l #	90
15) Acrylonitrile	5.718	53	590506	301.634	ug/l	99
16) Acetone	4.424	43	466152	269.672	ug/l	92
17) Carbon Disulfide	4.712	76	460314	45.899	ug/l	98
18) Methyl Acetate	5.024	43	513694	62.115	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	731067	61.074	ug/l	92
20) Methylene Chloride	5.271	84	225412	51.680	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	203253	52.417	ug/l #	82
22) Diisopropyl ether	6.671	45	774002	62.720	ug/l #	89
23) Vinyl Acetate	6.606	43	1948987	286.318	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	430539	57.400	ug/l	97
25) 2-Butanone	7.482	43	785963	310.502	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	251795	40.590	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	255492	55.082	ug/l	89
28) Bromochloromethane	7.818	49	210394	57.557	ug/l #	75
29) Tetrahydrofuran	7.841	42	528783	321.083	ug/l #	75
30) Chloroform	7.971	83	448702	55.072	ug/l	96
31) Cyclohexane	8.265	56	318066	48.912	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	374579	56.424	ug/l	95
36) 1,1-Dichloropropene	8.377	75	311103	51.610	ug/l	95
37) Ethyl Acetate	7.565	43	326074	58.982	ug/l #	92
38) Carbon Tetrachloride	8.365	117	314137	51.709	ug/l	100
39) Methylcyclohexane	9.606	83	279110	49.201	ug/l #	86
40) Benzene	8.612	78	958335	53.079	ug/l	99

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 Quant Title : SW846 8260
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11/07/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	178954	60.958	ug/l	#	84
42) 1,2-Dichloroethane	8.677	62	365226	57.912	ug/l		96
43) Isopropyl Acetate	8.694	43	628637	64.841	ug/l	#	86
44) Trichloroethene	9.353	130	220150	49.139	ug/l		98
45) 1,2-Dichloropropane	9.629	63	259247	56.187	ug/l		100
46) Dibromomethane	9.712	93	171608	54.470	ug/l		96
47) Bromodichloromethane	9.894	83	355936	52.975	ug/l		98
48) Methyl methacrylate	9.688	41	272229	64.105	ug/l	#	79
49) 1,4-Dioxane	9.700	88	88396	1178.036	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.447	43	1712161	313.682	ug/l		91
52) Toluene	10.635	92	594249	55.519	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	368647	55.968	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	385919	53.753	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	238869	55.484	ug/l		96
56) Ethyl methacrylate	10.876	69	384470	62.608	ug/l	#	85
57) 1,3-Dichloropropane	11.165	76	425700	56.098	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	877067	281.796	ug/l		89
59) 2-Hexanone	11.200	43	1239951	296.954	ug/l		88
60) Dibromochloromethane	11.365	129	250455	54.349	ug/l		99
61) 1,2-Dibromoethane	11.470	107	236102	54.640	ug/l		98
64) Tetrachloroethene	11.106	164	186623	54.005	ug/l		99
65) Chlorobenzene	11.894	112	620663	53.625	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	233111	55.902	ug/l		97
67) Ethyl Benzene	11.970	91	1121974	55.640	ug/l		95
68) m/p-Xylenes	12.076	106	834153	111.046	ug/l		92
69) o-Xylene	12.400	106	414882	57.356	ug/l		93
70) Styrene	12.412	104	697327	59.987	ug/l		96
71) Bromoform	12.582	173	174878	59.059	ug/l	#	99
73) Isopropylbenzene	12.700	105	1039402	54.583	ug/l		100
74) N-amyl acetate	12.500	43	483907	58.219	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	360255	53.358	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	284483m	48.294	ug/l		
77) Bromobenzene	12.982	156	246665	52.908	ug/l		91
78) n-propylbenzene	13.041	91	1203160	55.174	ug/l		98
79) 2-Chlorotoluene	13.129	91	765448	54.947	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	847443	57.199	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	100953	46.628	ug/l	#	77
82) 4-Chlorotoluene	13.223	91	767062	55.411	ug/l		97
83) tert-Butylbenzene	13.441	119	721680	59.508	ug/l		100
84) 1,2,4-Trimethylbenzene	13.488	105	860579	59.038	ug/l		99
85) sec-Butylbenzene	13.617	105	955599	56.874	ug/l		100
86) p-Isopropyltoluene	13.735	119	803998	58.691	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	444103	51.206	ug/l		99
88) 1,4-Dichlorobenzene	13.817	146	445931	50.655	ug/l		99
89) n-Butylbenzene	14.059	91	684420	58.008	ug/l		99
90) Hexachloroethane	14.335	117	144577	53.291	ug/l		90
91) 1,2-Dichlorobenzene	14.111	146	440816	53.842	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69191	60.430	ug/l		97
93) 1,2,4-Trichlorobenzene	15.400	180	216806	55.692	ug/l		97
94) Hexachlorobutadiene	15.505	225	88632	50.223	ug/l		98
95) Naphthalene	15.647	128	999977	75.745	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	211335	55.381	ug/l		99

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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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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