

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085370.D
 Acq On : 31 Dec 2024 14:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 01 02:07:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	172462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126463	50.000	ug/l	0.00

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2/2025

Supervised By :Mahesh
Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125992	51.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.440%
35) Dibromofluoromethane	8.165	113	97938	52.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.220%
50) Toluene-d8	10.565	98	357299	52.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.847	95	125340	55.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.500%

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2/2025

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	117617	50.426	ug/l 97
3) Chloromethane	2.359	50	116173	44.316	ug/l 96
4) Vinyl Chloride	2.512	62	119951	43.266	ug/l 97
5) Bromomethane	2.947	94	72855	40.181	ug/l 93
6) Chloroethane	3.112	64	77413	44.029	ug/l 100
7) Trichlorofluoromethane	3.494	101	169305	46.456	ug/l 99
8) Diethyl Ether	3.959	74	61300	50.799	ug/l 95
9) 1,1,2-Trichlorotrifluo...	4.371	101	99856	48.153	ug/l 98
10) Methyl Iodide	4.589	142	118403	49.339	ug/l 95
11) Tert butyl alcohol	5.518	59	84138	273.160	ug/l 98
12) 1,1-Dichloroethene	4.341	96	89081	46.481	ug/l 99
13) Acrolein	4.177	56	122668	255.441	ug/l 98
14) Allyl chloride	5.018	41	143304	46.720	ug/l 99
15) Acrylonitrile	5.718	53	265020	273.372	ug/l 100
16) Acetone	4.424	43	217667	269.107	ug/l 97
17) Carbon Disulfide	4.706	76	250196	42.913	ug/l 97
18) Methyl Acetate	5.024	43	136775	55.233	ug/l 99
19) Methyl tert-butyl Ether	5.794	73	313681	50.356	ug/l 98
20) Methylene Chloride	5.271	84	105557	48.518	ug/l 93
21) trans-1,2-Dichloroethene	5.783	96	94833	47.369	ug/l 96
22) Diisopropyl ether	6.671	45	347749	52.612	ug/l 97
23) Vinyl Acetate	6.600	43	1303538	272.615	ug/l 100
24) 1,1-Dichloroethane	6.565	63	198119	49.759	ug/l 99
25) 2-Butanone	7.477	43	351859	280.400	ug/l 100
26) 2,2-Dichloropropane	7.488	77	167402	47.989	ug/l 100
27) cis-1,2-Dichloroethene	7.482	96	116011	49.371	ug/l 96
28) Bromochloromethane	7.812	49	91178	49.277	ug/l # 98
29) Tetrahydrofuran	7.835	42	234116	289.637	ug/l 97
30) Chloroform	7.965	83	198768	48.797	ug/l 97
31) Cyclohexane	8.259	56	160547	44.158	ug/l 97
32) 1,1,1-Trichloroethane	8.165	97	171688	47.195	ug/l 98
36) 1,1-Dichloropropene	8.365	75	136333	50.022	ug/l 100
37) Ethyl Acetate	7.559	43	148328	54.754	ug/l 98
38) Carbon Tetrachloride	8.359	117	149039	50.169	ug/l 98
39) Methylcyclohexane	9.600	83	143011	50.574	ug/l 98
40) Benzene	8.606	78	428851	52.043	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	83551	60.222	ug/l	97	01/0
42) 1,2-Dichloroethane	8.671	62	150128	50.815	ug/l	100	2/2025
43) Isopropyl Acetate	8.688	43	247494	55.485	ug/l	99	Supervised By :Mahesh
44) Trichloroethene	9.353	130	93929	48.146	ug/l	99	Dadoda
45) 1,2-Dichloropropane	9.618	63	109168	52.187	ug/l	100	
46) Dibromomethane	9.706	93	73648	50.624	ug/l	99	
47) Bromodichloromethane	9.888	83	154584	51.124	ug/l #	97	01/0
48) Methyl methacrylate	9.676	41	117185	60.545	ug/l	97	2/2025
49) 1,4-Dioxane	9.694	88	37597	1287.453	ug/l	97	
51) 4-Methyl-2-Pentanone	10.441	43	744089	296.841	ug/l	99	
52) Toluene	10.629	92	256289	52.234	ug/l	99	
53) t-1,3-Dichloropropene	10.835	75	158315	53.241	ug/l	92	
54) cis-1,3-Dichloropropene	10.312	75	171045	53.195	ug/l	99	
55) 1,1,2-Trichloroethane	11.012	97	98435	53.137	ug/l	96	
56) Ethyl methacrylate	10.870	69	163544	60.618	ug/l	98	
57) 1,3-Dichloropropane	11.159	76	174818	53.769	ug/l	100	
58) 2-Chloroethyl Vinyl ether	10.159	63	356262	272.934	ug/l	98	
59) 2-Hexanone	11.194	43	543401	312.452	ug/l	100	
60) Dibromochloromethane	11.359	129	114571	54.911	ug/l	100	
61) 1,2-Dibromoethane	11.470	107	96847	52.844	ug/l	100	
64) Tetrachloroethene	11.100	164	81055	48.280	ug/l	98	
65) Chlorobenzene	11.888	112	282700	49.375	ug/l	99	
66) 1,1,1,2-Tetrachloroethane	11.959	131	98494	51.255	ug/l	99	
67) Ethyl Benzene	11.965	91	497969	52.297	ug/l	99	
68) m/p-Xylenes	12.070	106	373181	107.093	ug/l	98	
69) o-Xylene	12.394	106	181002	53.695	ug/l	98	
70) Styrene	12.412	104	306060	56.021	ug/l	99	
71) Bromoform	12.576	173	74490	55.967	ug/l #	99	
73) Isopropylbenzene	12.694	105	459103	50.484	ug/l	100	
74) N-amyl acetate	12.494	43	225170	57.845	ug/l	99	
75) 1,1,2,2-Tetrachloroethane	12.935	83	145862	50.360	ug/l	99	
76) 1,2,3-Trichloropropane	12.994	75	118899m	50.348	ug/l		
77) Bromobenzene	12.976	156	106484	47.261	ug/l	98	
78) n-propylbenzene	13.035	91	555542	52.407	ug/l	99	
79) 2-Chlorotoluene	13.123	91	337651	50.611	ug/l	100	
80) 1,3,5-Trimethylbenzene	13.170	105	379527	51.595	ug/l	99	
81) trans-1,4-Dichloro-2-b...	12.735	75	52302m	53.039	ug/l		
82) 4-Chlorotoluene	13.217	91	335286	49.900	ug/l	99	
83) tert-Butylbenzene	13.435	119	328418	51.541	ug/l	100	
84) 1,2,4-Trimethylbenzene	13.482	105	384183	52.452	ug/l	98	
85) sec-Butylbenzene	13.611	105	457842	51.765	ug/l	98	
86) p-Isopropyltoluene	13.729	119	380096	48.146	ug/l	99	
87) 1,3-Dichlorobenzene	13.729	146	203659	49.862	ug/l	99	
88) 1,4-Dichlorobenzene	13.811	146	198631	47.343	ug/l	100	
89) n-Butylbenzene	14.053	91	333662	51.517	ug/l	100	
90) Hexachloroethane	14.329	117	74354	51.286	ug/l	99	
91) 1,2-Dichlorobenzene	14.106	146	190430	48.943	ug/l	99	
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26640	51.680	ug/l	97	
93) 1,2,4-Trichlorobenzene	15.388	180	93168	47.978	ug/l	99	
94) Hexachlorobutadiene	15.500	225	40764	42.250	ug/l	94	
95) Naphthalene	15.641	128	309221	46.960	ug/l	100	
96) 1,2,3-Trichlorobenzene	15.835	180	92439	47.643	ug/l	99	

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Manual Integrations
APPROVED

Reviewed By :John
Carlone

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

01/0
2/2025
Supervised By :Mahesh
Dadoda

01/0
2/2025

