

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085465.D
 Acq On : 16 Jan 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 01:01:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	199641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	176373	54.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	8.165	113	128891	54.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.700%			
50) Toluene-d8	10.565	98	477022	57.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.260%#			
62) 4-Bromofluorobenzene	12.847	95	167696	58.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	135218	50.024	ug/l	98
3) Chloromethane	2.359	50	138365	47.277	ug/l	98
4) Vinyl Chloride	2.512	62	141359	48.053	ug/l	96
5) Bromomethane	2.954	94	83354	46.909	ug/l	100
6) Chloroethane	3.124	64	94821	50.841	ug/l	100
7) Trichlorofluoromethane	3.501	101	216532	50.729	ug/l	99
8) Diethyl Ether	3.959	74	67435	45.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	123916	51.543	ug/l	99
10) Methyl Iodide	4.589	142	141843	51.520	ug/l	97
11) Tert butyl alcohol	5.506	59	93089	252.266	ug/l	100
12) 1,1-Dichloroethene	4.348	96	107679	50.256	ug/l	97
13) Acrolein	4.177	56	163290	324.159	ug/l	100
14) Allyl chloride	5.024	41	167024	48.040	ug/l	99
15) Acrylonitrile	5.712	53	305670	260.789	ug/l	100
16) Acetone	4.418	43	257757	247.544	ug/l	97
17) Carbon Disulfide	4.712	76	306142	46.406	ug/l	99
18) Methyl Acetate	5.018	43	161078	50.873	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	370180	53.208	ug/l	98
20) Methylene Chloride	5.271	84	127429	49.435	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	117249	51.204	ug/l	98
22) Diisopropyl ether	6.665	45	415811	53.883	ug/l	98
23) Vinyl Acetate	6.600	43	1493965	276.633	ug/l	100
24) 1,1-Dichloroethane	6.565	63	239348	50.866	ug/l	99
25) 2-Butanone	7.477	43	395805	258.307	ug/l	100
26) 2,2-Dichloropropane	7.483	77	202496	53.228	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	139435	51.700	ug/l	99
28) Bromochloromethane	7.806	49	111934	51.131	ug/l	99
29) Tetrahydrofuran	7.836	42	267770	275.630	ug/l	99
30) Chloroform	7.959	83	248378	51.073	ug/l	97
31) Cyclohexane	8.253	56	198743	48.594	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	217366	50.955	ug/l	99
36) 1,1-Dichloropropene	8.365	75	167734	50.859	ug/l	99
37) Ethyl Acetate	7.553	43	170946	51.352	ug/l	100
38) Carbon Tetrachloride	8.353	117	191926	50.832	ug/l	98
39) Methylcyclohexane	9.594	83	170717	55.085	ug/l	99
40) Benzene	8.600	78	518597	52.334	ug/l	99

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Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	93303	53.873	ug/l	98
42) 1,2-Dichloroethane	8.665	62	194220	52.039	ug/l	99
43) Isopropyl Acetate	8.683	43	277304	51.988	ug/l	99
44) Trichloroethene	9.347	130	112130	48.611	ug/l	91
45) 1,2-Dichloropropane	9.618	63	133267	52.651	ug/l	98
46) Dibromomethane	9.706	93	93287	51.078	ug/l	99
47) Bromodichloromethane	9.882	83	196530	52.818	ug/l	99
48) Methyl methacrylate	9.677	41	133128	55.460	ug/l	98
49) 1,4-Dioxane	9.688	88	40722	1007.401	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	868635	280.635	ug/l	100
52) Toluene	10.624	92	319722	55.684	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	191792	54.543	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	203202	54.100	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	118849	52.304	ug/l	95
56) Ethyl methacrylate	10.871	69	185312	48.474	ug/l	99
57) 1,3-Dichloropropane	11.159	76	207443	52.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	428511	297.169	ug/l	100
59) 2-Hexanone	11.188	43	626022	287.441	ug/l	100
60) Dibromochloromethane	11.359	129	144841	52.798	ug/l	99
61) 1,2-Dibromoethane	11.465	107	116171	51.361	ug/l	99
64) Tetrachloroethene	11.100	164	105380	50.775	ug/l	98
65) Chlorobenzene	11.888	112	335733	50.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	123970	50.647	ug/l	98
67) Ethyl Benzene	11.959	91	599634	55.203	ug/l	99
68) m/p-Xylenes	12.065	106	461597	114.982	ug/l	100
69) o-Xylene	12.394	106	213833	55.736	ug/l	99
70) Styrene	12.406	104	373173	58.773	ug/l	99
71) Bromoform	12.576	173	92987	53.094	ug/l #	99
73) Isopropylbenzene	12.694	105	552186	53.105	ug/l	100
74) N-amyl acetate	12.488	43	241933	51.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	172681	47.013	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	139741m	44.626	ug/l	
77) Bromobenzene	12.976	156	133783	49.246	ug/l	99
78) n-propylbenzene	13.029	91	676228	54.935	ug/l	100
79) 2-Chlorotoluene	13.123	91	412865	51.824	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	476484	55.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	59768	51.641	ug/l	99
82) 4-Chlorotoluene	13.218	91	412584	52.013	ug/l	99
83) tert-Butylbenzene	13.435	119	387308	53.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	483293	56.458	ug/l	100
85) sec-Butylbenzene	13.612	105	555200	55.539	ug/l	100
86) p-Isopropyltoluene	13.723	119	461811	51.156	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	254498	50.869	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	247321	47.693	ug/l	99
89) n-Butylbenzene	14.053	91	388032	54.107	ug/l	99
90) Hexachloroethane	14.329	117	91177	47.911	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	241778	48.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31679	47.231	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111351	48.009	ug/l	96
94) Hexachlorobutadiene	15.494	225	54999	44.665	ug/l	98
95) Naphthalene	15.635	128	337055	48.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110163	46.941	ug/l	98

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

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

