

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	279635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	241438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	125245	45.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.120%		
35) Dibromofluoromethane	8.159	113	96250	48.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.559	98	370335	51.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.080%		
62) 4-Bromofluorobenzene	12.841	95	124254	48.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119615	47.214	ug/l	96
3) Chloromethane	2.359	50	116840	48.384	ug/l	100
4) Vinyl Chloride	2.512	62	133075	58.816	ug/l	96
5) Bromomethane	2.953	94	84270	56.777	ug/l	95
6) Chloroethane	3.124	64	83735	60.359	ug/l	98
7) Trichlorofluoromethane	3.500	101	174050	47.636	ug/l	99
8) Diethyl Ether	3.959	74	60444	52.669	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	101261	51.674	ug/l	96
10) Methyl Iodide	4.589	142	121109	54.203	ug/l	94
11) Tert butyl alcohol	5.506	59	66637	172.582	ug/l	98
12) 1,1-Dichloroethene	4.342	96	95001	52.337	ug/l	88
13) Acrolein	4.171	56	135824	305.458	ug/l	98
14) Allyl chloride	5.024	41	144798	46.062	ug/l	97
15) Acrylonitrile	5.712	53	217435	206.752	ug/l	99
16) Acetone	4.418	43	181788	189.465	ug/l	93
17) Carbon Disulfide	4.712	76	274215	44.268	ug/l	98
18) Methyl Acetate	5.018	43	109918	40.466	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	315772	50.754	ug/l	99
20) Methylene Chloride	5.271	84	103862	49.486	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	97481	48.710	ug/l	92
22) Diisopropyl ether	6.665	45	331040	49.364	ug/l	99
23) Vinyl Acetate	6.594	43	1195028	230.616	ug/l	98
24) 1,1-Dichloroethane	6.559	63	189788	48.856	ug/l	98
25) 2-Butanone	7.477	43	284277	193.471	ug/l	94
26) 2,2-Dichloropropane	7.488	77	176849	49.164	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	117206	50.301	ug/l	96
28) Bromochloromethane	7.806	49	90129	46.005	ug/l	95
29) Tetrahydrofuran	7.830	42	188808	199.339	ug/l	96
30) Chloroform	7.959	83	196237	47.303	ug/l	98
31) Cyclohexane	8.253	56	171529	47.698	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	177034	47.880	ug/l	98
36) 1,1-Dichloropropene	8.365	75	142130	51.919	ug/l	98
37) Ethyl Acetate	7.553	43	123431	39.083	ug/l	98
38) Carbon Tetrachloride	8.359	117	155442	46.963	ug/l	96
39) Methylcyclohexane	9.594	83	163719	57.472	ug/l	92
40) Benzene	8.600	78	425769	49.994	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	71034	44.134	ug/l	99
42) 1,2-Dichloroethane	8.665	62	148011	45.627	ug/l	97
43) Isopropyl Acetate	8.682	43	219162	37.947	ug/l	96
44) Trichloroethene	9.347	130	99243	52.342	ug/l	97
45) 1,2-Dichloropropane	9.618	63	104472	49.545	ug/l	95
46) Dibromomethane	9.700	93	72471	48.144	ug/l	97
47) Bromodichloromethane	9.882	83	155292	48.151	ug/l	98
48) Methyl methacrylate	9.676	41	99802	42.154	ug/l	93
49) 1,4-Dioxane	9.688	88	27157	727.519	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	615206	202.728	ug/l	97
52) Toluene	10.623	92	264403	51.633	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	160338	51.005	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	175970	52.650	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	94026	49.037	ug/l	99
56) Ethyl methacrylate	10.871	69	153330	42.413	ug/l	94
57) 1,3-Dichloropropane	11.159	76	166606	49.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	410710	238.327	ug/l	98
59) 2-Hexanone	11.188	43	436734	201.893	ug/l	98
60) Dibromochloromethane	11.353	129	113772	50.066	ug/l	98
61) 1,2-Dibromoethane	11.465	107	92920	47.049	ug/l	97
64) Tetrachloroethene	11.100	164	88224	54.303	ug/l	98
65) Chlorobenzene	11.888	112	281721	51.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	96963	51.210	ug/l	98
67) Ethyl Benzene	11.959	91	510160	54.842	ug/l	97
68) m/p-Xylenes	12.065	106	388331	111.617	ug/l	97
69) o-Xylene	12.394	106	184048	56.280	ug/l	96
70) Styrene	12.406	104	310676	56.907	ug/l	98
71) Bromoform	12.570	173	67945	45.779	ug/l #	99
73) Isopropylbenzene	12.688	105	474356	58.749	ug/l	100
74) N-amyl acetate	12.488	43	190639	47.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	127300	44.249	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	113798m	42.652	ug/l	
77) Bromobenzene	12.976	156	107445	50.682	ug/l	94
78) n-propylbenzene	13.029	91	566348	57.193	ug/l	99
79) 2-Chlorotoluene	13.117	91	332767	52.927	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	389966	57.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	48094	47.865	ug/l	92
82) 4-Chlorotoluene	13.217	91	334154	52.521	ug/l	98
83) tert-Butylbenzene	13.435	119	332785	58.265	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	392088	56.955	ug/l	97
85) sec-Butylbenzene	13.612	105	481860	60.514	ug/l	100
86) p-Isopropyltoluene	13.723	119	403276	52.248	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	199704	51.152	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	198118	49.044	ug/l	99
89) n-Butylbenzene	14.053	91	355074	60.636	ug/l	99
90) Hexachloroethane	14.329	117	73807	50.457	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	185896	51.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22428	40.652	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	97216	52.301	ug/l	97
94) Hexachlorobutadiene	15.494	225	44067	45.615	ug/l	95
95) Naphthalene	15.635	128	303294	49.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	92900	50.038	ug/l	99

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

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