

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085187.D
 Acq On : 12 Dec 2024 16:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 04:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	157264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	250897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	100858	45.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.040%		
35) Dibromofluoromethane	8.159	113	81940	48.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	10.565	98	286244	47.207	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.847	95	110700	48.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64335	36.179	ug/l	96
3) Chloromethane	2.359	50	70976	34.413	ug/l	98
4) Vinyl Chloride	2.512	62	75490	40.728	ug/l	95
5) Bromomethane	2.942	94	52817	50.840	ug/l	94
6) Chloroethane	3.118	64	53524	42.843	ug/l	96
7) Trichlorofluoromethane	3.495	101	142515	45.200	ug/l	98
8) Diethyl Ether	3.953	74	51996	48.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	83299	46.581	ug/l	99
10) Methyl Iodide	4.583	142	102709	43.390	ug/l	95
11) Tert butyl alcohol	5.518	59	74390	248.505	ug/l #	95
12) 1,1-Dichloroethene	4.342	96	75550	45.261	ug/l	93
13) Acrolein	4.171	56	51064	255.643	ug/l	99
14) Allyl chloride	5.024	41	114050	40.531	ug/l	91
15) Acrylonitrile	5.712	53	211919	250.050	ug/l	99
16) Acetone	4.418	43	174331	267.212	ug/l	99
17) Carbon Disulfide	4.712	76	188561	38.272	ug/l	96
18) Methyl Acetate	5.018	43	102208	48.992	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	273352	50.121	ug/l	97
20) Methylene Chloride	5.271	84	89549	44.981	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	79034	44.994	ug/l	88
22) Diisopropyl ether	6.665	45	270635	47.786	ug/l	97
23) Vinyl Acetate	6.594	43	978510	250.444	ug/l	99
24) 1,1-Dichloroethane	6.565	63	160137	47.250	ug/l	98
25) 2-Butanone	7.477	43	267815	251.085	ug/l	96
26) 2,2-Dichloropropane	7.489	77	151677	47.928	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	99477	46.976	ug/l	99
28) Bromochloromethane	7.806	49	55177	43.129	ug/l	93
29) Tetrahydrofuran	7.830	42	172608	260.225	ug/l	99
30) Chloroform	7.965	83	170468	47.284	ug/l	97
31) Cyclohexane	8.253	56	118868	39.835	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	156188	47.943	ug/l	98
36) 1,1-Dichloropropene	8.365	75	112100	48.915	ug/l	99
37) Ethyl Acetate	7.553	43	107759	51.721	ug/l	99
38) Carbon Tetrachloride	8.359	117	139715	52.815	ug/l	100
39) Methylcyclohexane	9.594	83	117395	49.295	ug/l	97
40) Benzene	8.600	78	354747	48.941	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	63059	54.665	ug/l	97
42) 1,2-Dichloroethane	8.665	62	123989	50.001	ug/l	100
43) Isopropyl Acetate	8.683	43	193442	44.699	ug/l	99
44) Trichloroethene	9.347	130	84967	50.441	ug/l	93
45) 1,2-Dichloropropane	9.618	63	88723	49.697	ug/l	98
46) Dibromomethane	9.706	93	64197	51.750	ug/l	99
47) Bromodichloromethane	9.882	83	138381	52.632	ug/l	99
48) Methyl methacrylate	9.677	41	88355	54.864	ug/l	99
49) 1,4-Dioxane	9.688	88	29783	1066.431	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	574816	290.798	ug/l	99
52) Toluene	10.624	92	222486	51.849	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	138602	52.581	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	148027	52.934	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	87061	54.471	ug/l	100
56) Ethyl methacrylate	10.871	69	140927	60.340	ug/l	99
57) 1,3-Dichloropropane	11.159	76	146182	51.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	312019	272.352	ug/l	99
59) 2-Hexanone	11.194	43	425793	288.015	ug/l	100
60) Dibromochloromethane	11.359	129	107520	55.043	ug/l	100
61) 1,2-Dibromoethane	11.465	107	88737	53.646	ug/l	97
64) Tetrachloroethene	11.100	164	76338	50.944	ug/l	96
65) Chlorobenzene	11.888	112	245940	48.766	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	92252	51.953	ug/l	99
67) Ethyl Benzene	11.959	91	436384	53.333	ug/l	99
68) m/p-Xylenes	12.071	106	338767	108.750	ug/l	98
69) o-Xylene	12.394	106	159020	53.665	ug/l	99
70) Styrene	12.406	104	279996	56.820	ug/l	99
71) Bromoform	12.576	173	77538	58.827	ug/l #	96
73) Isopropylbenzene	12.694	105	421314	54.208	ug/l	99
74) N-amyl acetate	12.494	43	168193	52.516	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124180	46.790	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	100849m	50.326	ug/l	
77) Bromobenzene	12.976	156	103632	49.548	ug/l	100
78) n-propylbenzene	13.035	91	496070	55.338	ug/l	99
79) 2-Chlorotoluene	13.123	91	303924	50.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	359675	55.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46836	51.596	ug/l	98
82) 4-Chlorotoluene	13.218	91	311019	49.926	ug/l	100
83) tert-Butylbenzene	13.435	119	295702	52.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	360867	53.755	ug/l	98
85) sec-Butylbenzene	13.612	105	419768	55.376	ug/l	100
86) p-Isopropyltoluene	13.723	119	352018	56.255	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	187382	45.422	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	188708	44.824	ug/l	99
89) n-Butylbenzene	14.053	91	299144	51.406	ug/l	99
90) Hexachloroethane	14.329	117	68565	50.268	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	179308	45.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24250	47.252	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	94237	43.880	ug/l	98
94) Hexachlorobutadiene	15.500	225	46613	47.029	ug/l	97
95) Naphthalene	15.641	128	281522	46.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	90499	44.163	ug/l	97

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

