

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085035.D
 Acq On : 26 Nov 2024 10:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 05:08:35 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119612	50.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.165	113	93863	50.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	10.565	98	334346	50.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.847	95	126470	50.879	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	86988	46.553	ug/l	99
3) Chloromethane	2.359	50	88393	40.786	ug/l	98
4) Vinyl Chloride	2.512	62	86567	44.447	ug/l	96
5) Bromomethane	2.901	94	49583	45.421	ug/l	90
6) Chloroethane	3.071	64	57871	44.083	ug/l	97
7) Trichlorofluoromethane	3.465	101	154996	46.782	ug/l	93
8) Diethyl Ether	3.953	74	56604	50.196	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	91007	48.431	ug/l	98
10) Methyl Iodide	4.577	142	119092	47.879	ug/l	98
11) Tert butyl alcohol	5.530	59	80698	256.548	ug/l	98
12) 1,1-Dichloroethene	4.324	96	78575	44.798	ug/l	91
13) Acrolein	4.171	56	59109	281.617	ug/l	97
14) Allyl chloride	5.006	41	139494	47.177	ug/l	99
15) Acrylonitrile	5.712	53	228268	256.323	ug/l	99
16) Acetone	4.424	43	205454	299.696	ug/l	99
17) Carbon Disulfide	4.700	76	212448	41.036	ug/l #	95
18) Methyl Acetate	5.018	43	113983	52.067	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	289081	50.444	ug/l	96
20) Methylene Chloride	5.271	84	94579	45.211	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	85306	46.217	ug/l	89
22) Diisopropyl ether	6.665	45	287174	48.256	ug/l	98
23) Vinyl Acetate	6.594	43	1045347	254.620	ug/l	100
24) 1,1-Dichloroethane	6.559	63	170129	47.772	ug/l	99
25) 2-Butanone	7.477	43	301302	268.827	ug/l	97
26) 2,2-Dichloropropane	7.483	77	159487	47.960	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	105445	47.388	ug/l	99
28) Bromochloromethane	7.806	49	70930	52.763	ug/l	96
29) Tetrahydrofuran	7.835	42	188589	270.576	ug/l	99
30) Chloroform	7.965	83	178414	47.097	ug/l	100
31) Cyclohexane	8.247	56	139498	44.490	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	163779	47.843	ug/l	97
36) 1,1-Dichloropropene	8.365	75	117675	46.842	ug/l	99
37) Ethyl Acetate	7.559	43	118425	51.854	ug/l	99
38) Carbon Tetrachloride	8.353	117	144467	49.820	ug/l	96
39) Methylcyclohexane	9.594	83	126903	48.612	ug/l	97
40) Benzene	8.600	78	376473	47.382	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65929	52.138	ug/l	100
42) 1,2-Dichloroethane	8.665	62	130709	48.086	ug/l	99
43) Isopropyl Acetate	8.688	43	204526	43.113	ug/l	98
44) Trichloroethene	9.347	130	85290	46.190	ug/l	100
45) 1,2-Dichloropropane	9.618	63	91973	46.997	ug/l	99
46) Dibromomethane	9.706	93	64931	47.749	ug/l	99
47) Bromodichloromethane	9.882	83	141097	48.956	ug/l	100
48) Methyl methacrylate	9.677	41	93375	52.894	ug/l	97
49) 1,4-Dioxane	9.694	88	34112	1114.269	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	600962	277.350	ug/l	100
52) Toluene	10.629	92	234962	49.952	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	142310	49.251	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	151354	49.375	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	89600	51.140	ug/l	96
56) Ethyl methacrylate	10.871	69	142968	55.843	ug/l	100
57) 1,3-Dichloropropane	11.159	76	150879	48.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	355968	283.452	ug/l	100
59) 2-Hexanone	11.194	43	460526	284.177	ug/l	100
60) Dibromochloromethane	11.359	129	106871	49.911	ug/l	98
61) 1,2-Dibromoethane	11.465	107	89530	49.376	ug/l	98
64) Tetrachloroethene	11.100	164	74782	45.931	ug/l	98
65) Chlorobenzene	11.888	112	250659	45.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	92972	48.188	ug/l	100
67) Ethyl Benzene	11.959	91	443095	49.840	ug/l	97
68) m/p-Xylenes	12.070	106	339462	100.293	ug/l	99
69) o-Xylene	12.394	106	162920	50.601	ug/l	98
70) Styrene	12.412	104	280474	52.383	ug/l	98
71) Bromoform	12.576	173	72990	50.965	ug/l #	99
73) Isopropylbenzene	12.694	105	419656	48.684	ug/l	100
74) N-amyl acetate	12.494	43	178728	50.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	133209	45.255	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	120601m	54.263	ug/l	
77) Bromobenzene	12.976	156	103430	44.588	ug/l	98
78) n-propylbenzene	13.035	91	493597	49.646	ug/l	100
79) 2-Chlorotoluene	13.123	91	309810	46.679	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	365114	50.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	48522	48.196	ug/l	96
82) 4-Chlorotoluene	13.217	91	314077	45.458	ug/l	99
83) tert-Butylbenzene	13.435	119	301224	48.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	368938	49.551	ug/l	100
85) sec-Butylbenzene	13.617	105	422441	50.248	ug/l	100
86) p-Isopropyltoluene	13.729	119	356706	51.398	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	197023	43.061	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	191649	41.046	ug/l	98
89) n-Butylbenzene	14.053	91	300928	46.626	ug/l	99
90) Hexachloroethane	14.329	117	70124	46.355	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	191208	43.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26254	46.125	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	98547	41.373	ug/l	98
94) Hexachlorobutadiene	15.500	225	46007	41.852	ug/l	99
95) Naphthalene	15.641	128	314130	46.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97421	42.865	ug/l	97

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

