

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084673.D
 Acq On : 05 Nov 2024 08:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 00:21:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	188833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	309455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128440	47.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.180%
35) Dibromofluoromethane	8.165	113	104233	49.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.565	98	385782	49.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.847	95	145041	50.297	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96509	44.458	ug/l	99
3) Chloromethane	2.359	50	105671	41.033	ug/l	96
4) Vinyl Chloride	2.512	62	104872	44.917	ug/l	100
5) Bromomethane	2.901	94	54646	44.174	ug/l	96
6) Chloroethane	3.071	64	67630	46.702	ug/l	96
7) Trichlorofluoromethane	3.471	101	179556	46.686	ug/l	100
8) Diethyl Ether	3.953	74	66061	48.691	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	103206	47.489	ug/l	98
10) Methyl Iodide	4.577	142	138513	47.689	ug/l	100
11) Tert butyl alcohol	5.542	59	83170	231.023	ug/l	100
12) 1,1-Dichloroethene	4.324	96	97333	45.262	ug/l	97
13) Acrolein	4.171	56	74890	208.614	ug/l	99
14) Allyl chloride	5.012	41	164286	47.108	ug/l	94
15) Acrylonitrile	5.712	53	261058	250.486	ug/l	98
16) Acetone	4.424	43	205972	261.571	ug/l	98
17) Carbon Disulfide	4.700	76	267347	40.371	ug/l	100
18) Methyl Acetate	5.018	43	131549	45.338	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	334395	50.734	ug/l	98
20) Methylene Chloride	5.265	84	110275	45.971	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	100793	45.647	ug/l	96
22) Diisopropyl ether	6.671	45	338560	48.857	ug/l	97
23) Vinyl Acetate	6.594	43	1243472	260.211	ug/l	99
24) 1,1-Dichloroethane	6.559	63	195972	47.105	ug/l	99
25) 2-Butanone	7.483	43	330780	259.963	ug/l	99
26) 2,2-Dichloropropane	7.483	77	178911	49.409	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	124942	48.459	ug/l	95
28) Bromochloromethane	7.812	49	97420	58.774	ug/l	93
29) Tetrahydrofuran	7.836	42	221048	261.862	ug/l	97
30) Chloroform	7.959	83	204545	48.305	ug/l	98
31) Cyclohexane	8.247	56	165485	43.948	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	184919	47.980	ug/l	99
36) 1,1-Dichloropropene	8.365	75	137986	47.499	ug/l	99
37) Ethyl Acetate	7.559	43	137405	52.133	ug/l	98
38) Carbon Tetrachloride	8.359	117	159804	49.215	ug/l	97
39) Methylcyclohexane	9.594	83	153025	51.779	ug/l	97
40) Benzene	8.600	78	446572	47.868	ug/l	100

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41) Methacrylonitrile	7.777	41	75164	53.031	ug/l	94
42) 1,2-Dichloroethane	8.665	62	146962	48.641	ug/l	97
43) Isopropyl Acetate	8.688	43	250917	51.561	ug/l	99
44) Trichloroethene	9.347	130	102165	47.484	ug/l	95
45) 1,2-Dichloropropane	9.618	63	107141	48.957	ug/l	98
46) Dibromomethane	9.706	93	75183	48.685	ug/l	96
47) Bromodichloromethane	9.882	83	159221	48.913	ug/l #	98
48) Methyl methacrylate	9.677	41	107816	52.560	ug/l	96
49) 1,4-Dioxane	9.694	88	36949	1016.477	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	676914	269.408	ug/l	98
52) Toluene	10.629	92	271017	49.671	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162410	48.200	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	175975	49.345	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	102475	49.859	ug/l	95
56) Ethyl methacrylate	10.871	69	166078	55.864	ug/l	95
57) 1,3-Dichloropropane	11.159	76	175127	49.648	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	413426	297.189	ug/l	97
59) 2-Hexanone	11.194	43	510203	278.970	ug/l	97
60) Dibromochloromethane	11.359	129	122092	52.122	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102382	48.644	ug/l	99
64) Tetrachloroethene	11.100	164	89108	49.581	ug/l	98
65) Chlorobenzene	11.888	112	284846	47.124	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	105425	50.142	ug/l	98
67) Ethyl Benzene	11.965	91	509913	50.538	ug/l	100
68) m/p-Xylenes	12.071	106	398359	104.286	ug/l	97
69) o-Xylene	12.394	106	189647	53.072	ug/l	100
70) Styrene	12.406	104	321600	51.592	ug/l	98
71) Bromoform	12.576	173	81959	51.805	ug/l #	98
73) Isopropylbenzene	12.694	105	484732	51.529	ug/l	100
74) N-amyl acetate	12.494	43	205444	51.313	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	151464	48.238	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	117790m	43.897	ug/l	
77) Bromobenzene	12.976	156	114620	45.325	ug/l	97
78) n-propylbenzene	13.035	91	560994	50.892	ug/l	98
79) 2-Chlorotoluene	13.123	91	347343	48.224	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	409920	52.577	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	55125	48.738	ug/l	99
82) 4-Chlorotoluene	13.218	91	350100	46.186	ug/l	99
83) tert-Butylbenzene	13.435	119	339838	52.666	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	417463	51.879	ug/l	99
85) sec-Butylbenzene	13.612	105	471529	51.732	ug/l	99
86) p-Isopropyltoluene	13.729	119	398177	53.266	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	215744	43.715	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	217747	48.059	ug/l	99
89) n-Butylbenzene	14.053	91	330874	47.318	ug/l	99
90) Hexachloroethane	14.329	117	77613	46.557	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	219942	46.377	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31084	48.866	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	115518	44.502	ug/l	100
94) Hexachlorobutadiene	15.500	225	49645	43.551	ug/l	97
95) Naphthalene	15.641	128	385794	49.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	110373	43.802	ug/l	98

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

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