

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084579.D
 Acq On : 30 Oct 2024 20:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 04:53:14 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 :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140901	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	137594	48.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.000%
35) Dibromofluoromethane	8.165	113	109134	48.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.800%
50) Toluene-d8	10.565	98	407454	49.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.847	95	151712	48.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	114289	50.611	ug/l	93
3) Chloromethane	2.360	50	124988	47.019	ug/l	98
4) Vinyl Chloride	2.512	62	125460	51.655	ug/l	97
5) Bromomethane	2.954	94	77460	60.193	ug/l	99
6) Chloroethane	3.124	64	84868	56.634	ug/l	94
7) Trichlorofluoromethane	3.495	101	196488	49.111	ug/l	97
8) Diethyl Ether	3.959	74	69428	49.192	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	108818	48.134	ug/l	100
10) Methyl Iodide	4.589	142	148480	49.141	ug/l	97
11) Tert butyl alcohol	5.512	59	91232	243.608	ug/l	99
12) 1,1-Dichloroethene	4.336	96	105376	47.106	ug/l	97
13) Acrolein	4.177	56	80378	215.235	ug/l	98
14) Allyl chloride	5.024	41	163625	45.103	ug/l	98
15) Acrylonitrile	5.712	53	280359	258.594	ug/l	98
16) Acetone	4.424	43	228489	279.127	ug/l	95
17) Carbon Disulfide	4.712	76	317709	46.119	ug/l	96
18) Methyl Acetate	5.018	43	134805	44.597	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	359997	52.504	ug/l	100
20) Methylene Chloride	5.277	84	123781	49.604	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	115345	50.215	ug/l	99
22) Diisopropyl ether	6.665	45	383343	53.179	ug/l	98
23) Vinyl Acetate	6.600	43	1356594	272.895	ug/l	100
24) 1,1-Dichloroethane	6.571	63	218940	50.589	ug/l	99
25) 2-Butanone	7.477	43	358373	270.747	ug/l	97
26) 2,2-Dichloropropane	7.489	77	157002	41.680	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	136939	51.057	ug/l	94
28) Bromochloromethane	7.812	49	99064	57.453	ug/l	95
29) Tetrahydrofuran	7.836	42	240196	273.532	ug/l	97
30) Chloroform	7.965	83	227574	51.663	ug/l	96
31) Cyclohexane	8.253	56	178220	45.499	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	201609	50.285	ug/l	99
36) 1,1-Dichloropropene	8.371	75	154087	49.273	ug/l	99
37) Ethyl Acetate	7.559	43	147812	52.096	ug/l	99
38) Carbon Tetrachloride	8.359	117	174059	49.796	ug/l	99
39) Methylcyclohexane	9.600	83	159457	50.122	ug/l	98
40) Benzene	8.606	78	499479	49.734	ug/l	99

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41) Methacrylonitrile	7.777	41	81599	53.480	ug/l	95
42) 1,2-Dichloroethane	8.671	62	163073	50.138	ug/l	98
43) Isopropyl Acetate	8.689	43	254699	48.563	ug/l	97
44) Trichloroethene	9.353	130	111893	48.310	ug/l	95
45) 1,2-Dichloropropane	9.618	63	121262	51.472	ug/l	96
46) Dibromomethane	9.706	93	83457	50.203	ug/l	97
47) Bromodichloromethane	9.883	83	178082	50.820	ug/l	99
48) Methyl methacrylate	9.677	41	122541	55.494	ug/l	99
49) 1,4-Dioxane	9.694	88	42766	1092.902	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	762510	281.909	ug/l	99
52) Toluene	10.630	92	306918	52.254	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	176649	48.700	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	189692	49.411	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	114318	51.669	ug/l	98
56) Ethyl methacrylate	10.871	69	185591	57.991	ug/l	96
57) 1,3-Dichloropropane	11.165	76	194863	51.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	444521	296.835	ug/l	97
59) 2-Hexanone	11.194	43	562297	285.606	ug/l	98
60) Dibromochloromethane	11.359	129	136265	54.039	ug/l	99
61) 1,2-Dibromoethane	11.465	107	113047	49.895	ug/l	98
64) Tetrachloroethene	11.100	164	99969	50.973	ug/l	99
65) Chlorobenzene	11.888	112	320177	48.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	114199	49.773	ug/l	99
67) Ethyl Benzene	11.965	91	572905	52.032	ug/l	98
68) m/p-Xylenes	12.071	106	441762	105.977	ug/l	99
69) o-Xylene	12.394	106	211146	54.147	ug/l	99
70) Styrene	12.412	104	366807	53.923	ug/l	98
71) Bromoform	12.576	173	87271	50.549	ug/l #	98
73) Isopropylbenzene	12.694	105	526310	53.303	ug/l	99
74) N-amyl acetate	12.494	43	237201	56.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	161884	49.118	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	128691m	45.691	ug/l	
77) Bromobenzene	12.976	156	130918	49.321	ug/l	94
78) n-propylbenzene	13.035	91	632537	54.667	ug/l	98
79) 2-Chlorotoluene	13.124	91	391815	51.825	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	452748	55.323	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56079m	47.236	ug/l	
82) 4-Chlorotoluene	13.218	91	395326	49.686	ug/l	99
83) tert-Butylbenzene	13.435	119	366864	54.165	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	458488	54.282	ug/l	98
85) sec-Butylbenzene	13.612	105	516506	53.986	ug/l	99
86) p-Isopropyltoluene	13.729	119	438352	55.867	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	234721	45.310	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	233316	49.094	ug/l	99
89) n-Butylbenzene	14.053	91	368707	50.235	ug/l	99
90) Hexachloroethane	14.329	117	80418	45.958	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	226742	45.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	31995	47.919	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	115776	42.492	ug/l	97
94) Hexachlorobutadiene	15.500	225	48232	40.310	ug/l	99
95) Naphthalene	15.635	128	397369	48.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	118108	44.655	ug/l	99

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

