

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085180.D
 Acq On : 12 Dec 2024 10:12
 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 13 04:19:37 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

12/13/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112560	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	106529	48.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	8.165	113	88124	53.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.360%
50) Toluene-d8	10.565	98	304016	51.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.340%
62) 4-Bromofluorobenzene	12.847	95	120872	54.936	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	64839	37.102	ug/l	99
3) Chloromethane	2.359	50	70225	34.646	ug/l	93
4) Vinyl Chloride	2.512	62	75302	41.340	ug/l	98
5) Bromomethane	2.942	94	52403	51.328	ug/l	99
6) Chloroethane	3.112	64	53754	43.782	ug/l	96
7) Trichlorofluoromethane	3.495	101	147425	47.578	ug/l	99
8) Diethyl Ether	3.953	74	50799	48.168	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	82982	47.218	ug/l	99
10) Methyl Iodide	4.583	142	104180	44.784	ug/l	96
11) Tert butyl alcohol	5.518	59	76771	260.963	ug/l	95
12) 1,1-Dichloroethene	4.336	96	76206	46.456	ug/l	99
13) Acrolein	4.171	56	47534	242.150	ug/l	96
14) Allyl chloride	5.018	41	112133	40.549	ug/l	91
15) Acrylonitrile	5.712	53	211960	254.491	ug/l	100
16) Acetone	4.424	43	182381	284.460	ug/l	98
17) Carbon Disulfide	4.706	76	191303	39.511	ug/l	98
18) Methyl Acetate	5.018	43	102874	50.205	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	272765	50.892	ug/l	99
20) Methylene Chloride	5.265	84	90881	46.452	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	82919	48.034	ug/l	90
22) Diisopropyl ether	6.671	45	271412	48.765	ug/l	98
23) Vinyl Acetate	6.600	43	1004013	261.484	ug/l	99
24) 1,1-Dichloroethane	6.565	63	158400	47.558	ug/l	99
25) 2-Butanone	7.477	43	274221	261.605	ug/l	97
26) 2,2-Dichloropropane	7.482	77	151748	48.793	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	101423	48.736	ug/l	99
28) Bromochloromethane	7.812	49	61761	49.123	ug/l	96
29) Tetrahydrofuran	7.835	42	173562	266.258	ug/l	99
30) Chloroform	7.959	83	175257	49.466	ug/l	99
31) Cyclohexane	8.253	56	125734	42.876	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	159348	49.771	ug/l	99
36) 1,1-Dichloropropene	8.365	75	112760	50.709	ug/l	99
37) Ethyl Acetate	7.553	43	109812	54.320	ug/l	100
38) Carbon Tetrachloride	8.359	117	139057	54.176	ug/l	98
39) Methylcyclohexane	9.600	83	117114	50.683	ug/l	97
40) Benzene	8.606	78	356194	50.646	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60265	53.842	ug/l	96
42) 1,2-Dichloroethane	8.665	62	127798	53.115	ug/l	99
43) Isopropyl Acetate	8.682	43	189945	45.234	ug/l	98
44) Trichloroethene	9.347	130	87215	53.361	ug/l	90
45) 1,2-Dichloropropane	9.618	63	87938	50.765	ug/l	96
46) Dibromomethane	9.706	93	65076	54.064	ug/l	98
47) Bromodichloromethane	9.882	83	140222	54.965	ug/l	99
48) Methyl methacrylate	9.676	41	87209	55.811	ug/l	98
49) 1,4-Dioxane	9.694	88	32540	1200.820	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	575257	299.931	ug/l	98
52) Toluene	10.629	92	228532	54.888	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	139650	54.601	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	150912	55.618	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	87418	56.368	ug/l	97
56) Ethyl methacrylate	10.871	69	139771	61.678	ug/l	99
57) 1,3-Dichloropropane	11.159	76	149511	54.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	329475	296.394	ug/l	99
59) 2-Hexanone	11.194	43	436177	304.071	ug/l	99
60) Dibromochloromethane	11.359	129	110269	58.179	ug/l	99
61) 1,2-Dibromoethane	11.465	107	87975	54.814	ug/l	99
64) Tetrachloroethene	11.100	164	78932	52.471	ug/l	99
65) Chlorobenzene	11.888	112	249166	49.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93272	52.323	ug/l	99
67) Ethyl Benzene	11.959	91	441667	53.769	ug/l	100
68) m/p-Xylenes	12.070	106	343210	109.748	ug/l	98
69) o-Xylene	12.394	106	160787	54.050	ug/l	99
70) Styrene	12.406	104	283423	57.292	ug/l	99
71) Bromoform	12.576	173	75869	57.337	ug/l #	99
73) Isopropylbenzene	12.694	105	424212	53.422	ug/l	99
74) N-amyl acetate	12.494	43	170411	52.079	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	125990	46.464	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	103183m	50.398	ug/l	
77) Bromobenzene	12.976	156	105674	49.452	ug/l	98
78) n-propylbenzene	13.035	91	504526	55.086	ug/l	99
79) 2-Chlorotoluene	13.123	91	311001	50.867	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	364889	54.761	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46145	49.755	ug/l	94
82) 4-Chlorotoluene	13.217	91	315225	49.527	ug/l	99
83) tert-Butylbenzene	13.435	119	302392	52.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	367811	53.626	ug/l	100
85) sec-Butylbenzene	13.611	105	425862	54.987	ug/l	99
86) p-Isopropyltoluene	13.729	119	362126	56.642	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	195963	46.493	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	196599	45.707	ug/l	99
89) n-Butylbenzene	14.053	91	307016	51.638	ug/l	99
90) Hexachloroethane	14.329	117	69178	49.641	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	182001	45.062	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25045	47.765	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	96878	44.152	ug/l	100
94) Hexachlorobutadiene	15.500	225	45624	45.054	ug/l	97
95) Naphthalene	15.635	128	289681	46.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94559	45.165	ug/l	97

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

