

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085244.D
 Acq On : 18 Dec 2024 11:23
 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 19 06:43:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	109977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	181860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	86067	44.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.540%
35) Dibromofluoromethane	8.165	113	62837	49.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.565	98	224283	47.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.847	95	86452	51.795	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102596	58.560	ug/l	98
3) Chloromethane	2.359	50	85185	51.010	ug/l	99
4) Vinyl Chloride	2.512	62	84919	54.273	ug/l	97
5) Bromomethane	2.942	94	54687	53.280	ug/l	92
6) Chloroethane	3.112	64	55390	57.703	ug/l	97
7) Trichlorofluoromethane	3.489	101	151014	59.768	ug/l	97
8) Diethyl Ether	3.953	74	50355	63.450	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	81963	60.483	ug/l	99
10) Methyl Iodide	4.583	142	92972	60.171	ug/l	94
11) Tert butyl alcohol	5.518	59	69899	261.780	ug/l	97
12) 1,1-Dichloroethene	4.336	96	78537	62.566	ug/l	96
13) Acrolein	4.183	56	31284	101.738	ug/l	95
14) Allyl chloride	5.018	41	126291	58.095	ug/l	96
15) Acrylonitrile	5.718	53	186572	256.538	ug/l	99
16) Acetone	4.424	43	187445	282.503	ug/l	95
17) Carbon Disulfide	4.712	76	237723	55.495	ug/l	100
18) Methyl Acetate	5.018	43	99214	52.817	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	242674	56.404	ug/l	97
20) Methylene Chloride	5.271	84	77310	53.265	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	74035	53.496	ug/l	86
22) Diisopropyl ether	6.665	45	268803	57.962	ug/l	97
23) Vinyl Acetate	6.600	43	1029555	287.307	ug/l	99
24) 1,1-Dichloroethane	6.559	63	144641	53.842	ug/l	99
25) 2-Butanone	7.477	43	260299	256.172	ug/l	100
26) 2,2-Dichloropropane	7.488	77	135770	54.580	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	86236	53.518	ug/l	98
28) Bromochloromethane	7.812	49	48721	35.962	ug/l	98
29) Tetrahydrofuran	7.835	42	167995	256.480	ug/l	98
30) Chloroform	7.965	83	152332	53.099	ug/l	97
31) Cyclohexane	8.253	56	127527	51.280	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	137925	53.942	ug/l	99
36) 1,1-Dichloropropene	8.371	75	106935	60.065	ug/l	100
37) Ethyl Acetate	7.553	43	110131	53.620	ug/l	99
38) Carbon Tetrachloride	8.353	117	119672	55.595	ug/l	97
39) Methylcyclohexane	9.600	83	115323	62.249	ug/l	98
40) Benzene	8.600	78	322102	58.156	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	60307	57.614	ug/l	96
42) 1,2-Dichloroethane	8.665	62	119496	56.642	ug/l	99
43) Isopropyl Acetate	8.682	43	190827	50.804	ug/l	100
44) Trichloroethene	9.353	130	70708	57.342	ug/l	96
45) 1,2-Dichloropropane	9.618	63	77927	56.825	ug/l	93
46) Dibromomethane	9.706	93	56046	57.251	ug/l	99
47) Bromodichloromethane	9.888	83	121605	57.978	ug/l	100
48) Methyl methacrylate	9.677	41	89728	58.275	ug/l	99
49) 1,4-Dioxane	9.694	88	27595	1136.704	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	558404	282.941	ug/l	100
52) Toluene	10.629	92	199871	60.016	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	125504	61.388	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	131582	60.535	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	73160	58.669	ug/l	98
56) Ethyl methacrylate	10.871	69	122800	51.713	ug/l	98
57) 1,3-Dichloropropane	11.159	76	127870	58.262	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	262500	234.486	ug/l	100
59) 2-Hexanone	11.194	43	411532	292.524	ug/l	99
60) Dibromochloromethane	11.359	129	89328	60.443	ug/l	98
61) 1,2-Dibromoethane	11.465	107	72636	56.552	ug/l	98
64) Tetrachloroethene	11.100	164	61268	55.040	ug/l	96
65) Chlorobenzene	11.888	112	209909	56.451	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	75499	58.197	ug/l	97
67) Ethyl Benzene	11.965	91	385625	60.504	ug/l	99
68) m/p-Xylenes	12.070	106	287255	120.506	ug/l	97
69) o-Xylene	12.394	106	137640	61.430	ug/l	99
70) Styrene	12.406	104	234815	62.776	ug/l	100
71) Bromoform	12.576	173	58793	57.816	ug/l #	98
73) Isopropylbenzene	12.694	105	360021	57.538	ug/l	99
74) N-amyl acetate	12.494	43	175225	56.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	108939	48.865	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	144408	69.845	ug/l	55
77) Bromobenzene	12.976	156	82835	50.422	ug/l	97
78) n-propylbenzene	13.035	91	438969	57.204	ug/l	99
79) 2-Chlorotoluene	13.123	91	262547	53.887	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	311170	59.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39607	50.867	ug/l	91
82) 4-Chlorotoluene	13.217	91	273986	55.571	ug/l	100
83) tert-Butylbenzene	13.435	119	248917	56.239	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	312787	58.632	ug/l	98
85) sec-Butylbenzene	13.612	105	368695	59.750	ug/l	100
86) p-Isopropyltoluene	13.729	119	307972	51.518	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	158006	52.226	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	159096	50.823	ug/l	99
89) n-Butylbenzene	14.053	91	275114	60.626	ug/l	99
90) Hexachloroethane	14.335	117	59639	52.613	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	153081	54.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22455	52.522	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	76096	52.829	ug/l	99
94) Hexachlorobutadiene	15.500	225	37690	50.345	ug/l	94
95) Naphthalene	15.641	128	243243	50.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74621	51.866	ug/l	98

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

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

