

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075760.D
 Acq On : 14 Dec 2022 09:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 00:24:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	190662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	102854	49.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.180%
35) Dibromofluoromethane	8.171	113	93815	51.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.860%
50) Toluene-d8	10.565	98	355781	52.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.847	95	117946	52.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	66757	49.312	ug/l	95
3) Chloromethane	2.371	50	73314	43.552	ug/l	99
4) Vinyl Chloride	2.530	62	90156	44.898	ug/l	96
5) Bromomethane	2.948	94	73698	43.185	ug/l	98
6) Chloroethane	3.124	64	66600	44.788	ug/l	100
7) Trichlorofluoromethane	3.507	101	145370	47.710	ug/l	98
8) Diethyl Ether	3.977	74	53673	48.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	84838	48.761	ug/l	97
10) Methyl Iodide	4.601	142	134848	47.757	ug/l	99
11) Tert butyl alcohol	5.524	59	90946	309.867	ug/l	98
12) 1,1-Dichloroethene	4.354	96	79004	46.753	ug/l	93
13) Acrolein	4.189	56	108994	302.911	ug/l	99
14) Allyl chloride	5.030	41	90814	45.973	ug/l	89
15) Acrylonitrile	5.730	53	251733	314.295	ug/l	99
16) Acetone	4.436	43	285368	399.102	ug/l	98
17) Carbon Disulfide	4.718	76	186142	45.496	ug/l	98
18) Methyl Acetate	5.036	43	126357	59.784	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	282156	50.705	ug/l	100
20) Methylene Chloride	5.295	84	92593	48.388	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	85861	46.396	ug/l	91
22) Diisopropyl ether	6.683	45	239071	49.820	ug/l	99
23) Vinyl Acetate	6.612	43	882500	273.229	ug/l	98
24) 1,1-Dichloroethane	6.577	63	152459	47.638	ug/l	97
25) 2-Butanone	7.489	43	352458	352.047	ug/l	97
26) 2,2-Dichloropropane	7.500	77	133284	49.178	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	104710	47.309	ug/l	98
28) Bromochloromethane	7.812	49	65653	46.804	ug/l	100
29) Tetrahydrofuran	7.842	42	204536	326.003	ug/l	99
30) Chloroform	7.971	83	169830	47.132	ug/l	97
31) Cyclohexane	8.259	56	138116	46.493	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	156335	48.938	ug/l	98
36) 1,1-Dichloropropene	8.377	75	121352	50.569	ug/l	99
37) Ethyl Acetate	7.565	43	123299	63.966	ug/l	99
38) Carbon Tetrachloride	8.365	117	140898	52.459	ug/l	100
39) Methylcyclohexane	9.600	83	162029	55.966	ug/l	98
40) Benzene	8.612	78	373217	50.407	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	63094	62.972	ug/l	98
42) 1,2-Dichloroethane	8.671	62	127016	51.601	ug/l	99
43) Isopropyl Acetate	8.689	43	190071	59.777	ug/l	99
44) Trichloroethene	9.353	130	101575	48.697	ug/l	98
45) 1,2-Dichloropropane	9.624	63	90430	50.190	ug/l	99
46) Dibromomethane	9.712	93	69505	52.011	ug/l	97
47) Bromodichloromethane	9.888	83	135320	51.636	ug/l	98
48) Methyl methacrylate	9.683	41	86615	60.481	ug/l	97
49) 1,4-Dioxane	9.694	88	52200	1482.641	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	631604	328.457	ug/l	99
52) Toluene	10.630	92	249715	51.786	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	135009	52.629	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	149689	53.146	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	102422	54.115	ug/l	96
56) Ethyl methacrylate	10.877	69	147479	58.663	ug/l	96
57) 1,3-Dichloropropane	11.165	76	163916	52.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	236302	295.226	ug/l	100
59) 2-Hexanone	11.194	43	507570	361.944	ug/l	100
60) Dibromochloromethane	11.359	129	111558	53.000	ug/l	98
61) 1,2-Dibromoethane	11.471	107	107953	56.362	ug/l	100
64) Tetrachloroethene	11.106	164	91844	48.196	ug/l	98
65) Chlorobenzene	11.894	112	267455	48.118	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	103925	50.479	ug/l	99
67) Ethyl Benzene	11.965	91	474872	50.621	ug/l	97
68) m/p-Xylenes	12.071	106	384753	103.624	ug/l	99
69) o-Xylene	12.400	106	190476	51.839	ug/l	98
70) Styrene	12.412	104	309102	52.908	ug/l	99
71) Bromoform	12.577	173	85831	57.294	ug/l #	99
73) Isopropylbenzene	12.700	105	491923	51.804	ug/l	100
74) N-amyl acetate	12.494	43	162078	58.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	162647	55.406	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	194346	73.372	ug/l	63
77) Bromobenzene	12.982	156	119324	49.653	ug/l	99
78) n-propylbenzene	13.035	91	558813	53.356	ug/l	99
79) 2-Chlorotoluene	13.129	91	332891	50.918	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	418597	52.670	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	50462	68.574	ug/l	96
82) 4-Chlorotoluene	13.129	91	332891	50.918	ug/l	100
83) tert-Butylbenzene	13.441	119	369437	52.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	420453	53.328	ug/l	99
85) sec-Butylbenzene	13.618	105	522750	54.050	ug/l	99
86) p-Isopropyltoluene	13.729	119	439522	54.615	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	223945	50.448	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218168	48.109	ug/l	98
89) n-Butylbenzene	14.059	91	342921	52.599	ug/l	99
90) Hexachloroethane	14.335	117	76438	53.099	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	223318	51.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30390	58.343	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	104594	48.317	ug/l	100
94) Hexachlorobutadiene	15.506	225	56444	47.791	ug/l	98
95) Naphthalene	15.641	128	349027	48.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102124	50.475	ug/l	98

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

