

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074866.D
 Acq On : 11 Oct 2022 23:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 12 04:01:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	312384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	629045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	394691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	359839	48.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.171	113	284046	48.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	10.571	98	1195027	48.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.853	95	379449	50.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	268719	41.946	ug/l	96
3) Chloromethane	2.377	50	360273	37.815	ug/l	90
4) Vinyl Chloride	2.530	62	540790	45.845	ug/l	95
5) Bromomethane	2.936	94	419475	50.429	ug/l	98
6) Chloroethane	3.113	64	426277	48.841	ug/l	99
7) Trichlorofluoromethane	3.507	101	401754	43.214	ug/l	95
8) Diethyl Ether	3.983	74	189137	38.998	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	241048	42.323	ug/l	98
10) Methyl Iodide	4.601	142	295447	42.898	ug/l	98
11) Tert butyl alcohol	5.554	59	437259	176.386	ug/l	99
12) 1,1-Dichloroethene	4.360	96	234897	38.745	ug/l	96
13) Acrolein	4.207	56	118686	201.670	ug/l	96
14) Allyl chloride	5.048	41	459643	36.889	ug/l	96
15) Acrylonitrile	5.742	53	1077605	199.302	ug/l	97
16) Acetone	4.448	43	892370	212.746	ug/l	100
17) Carbon Disulfide	4.730	76	602118	36.343	ug/l	98
18) Methyl Acetate	5.048	43	649765	41.840	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	1016507	43.097	ug/l	95
20) Methylene Chloride	5.301	84	311646	46.544	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	270336	41.686	ug/l #	86
22) Diisopropyl ether	6.689	45	1129278	42.671	ug/l	95
23) Vinyl Acetate	6.624	43	4380165	201.491	ug/l	99
24) 1,1-Dichloroethane	6.583	63	576825	42.276	ug/l	98
25) 2-Butanone	7.495	43	1537856	202.017	ug/l	96
26) 2,2-Dichloropropane	7.506	77	228594	20.313	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	346535	44.887	ug/l	88
28) Bromochloromethane	7.824	49	288501	46.863	ug/l	99
29) Tetrahydrofuran	7.853	42	1052491	198.374	ug/l	99
30) Chloroform	7.977	83	579095	46.337	ug/l	94
31) Cyclohexane	8.271	56	504464	39.433	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	482591	45.303	ug/l	100
36) 1,1-Dichloropropene	8.377	75	415902	44.301	ug/l	97
37) Ethyl Acetate	7.495	43	1537856	40.839	ug/l #	52
38) Carbon Tetrachloride	8.371	117	403223	45.544	ug/l	98
39) Methylcyclohexane	9.606	83	496115	40.792	ug/l	92
40) Benzene	8.618	78	1358180	44.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	317748	42.832	ug/l	97
42) 1,2-Dichloroethane	8.677	62	450818	47.256	ug/l	100
43) Isopropyl Acetate	8.700	43	982034	42.200	ug/l	99
44) Trichloroethene	9.359	130	272237	43.008	ug/l	98
45) 1,2-Dichloropropane	9.630	63	363388	44.157	ug/l	94
46) Dibromomethane	9.712	93	229204	47.465	ug/l	94
47) Bromodichloromethane	9.894	83	462600	46.889	ug/l	95
48) Methyl methacrylate	9.612	41	434649	45.494	ug/l #	96
49) 1,4-Dioxane	9.700	88	171756	829.459	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	3284530	219.179	ug/l	98
52) Toluene	10.636	92	839414	45.975	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	471598	40.118	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	492836	38.833	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	341613	46.533	ug/l	98
56) Ethyl methacrylate	10.877	69	567543	42.447	ug/l	96
57) 1,3-Dichloropropane	11.165	76	607900	45.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1140028	236.391	ug/l	99
59) 2-Hexanone	11.200	43	2484564	219.195	ug/l	97
60) Dibromochloromethane	11.359	129	345620	47.791	ug/l	95
61) 1,2-Dibromoethane	11.471	107	335670	44.966	ug/l	99
64) Tetrachloroethene	11.106	164	222087	43.491	ug/l	94
65) Chlorobenzene	11.894	112	848718	44.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	322180	45.787	ug/l	96
67) Ethyl Benzene	11.965	91	1609757	44.815	ug/l	99
68) m/p-Xylenes	12.077	106	1231641	91.341	ug/l	99
69) o-Xylene	12.400	106	628098	45.403	ug/l	96
70) Styrene	12.412	104	1049738	48.134	ug/l	98
71) Bromoform	12.583	173	245511	45.740	ug/l #	98
73) Isopropylbenzene	12.700	105	1623947	42.757	ug/l	99
74) N-amyl acetate	12.494	43	893141	38.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	585591	47.386	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	442721m	37.581	ug/l	
77) Bromobenzene	12.983	156	351576	51.638	ug/l	89
78) n-propylbenzene	13.035	91	1906628	43.574	ug/l	100
79) 2-Chlorotoluene	13.130	91	1108184	41.766	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	1362488	44.980	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	156821	25.937	ug/l	94
82) 4-Chlorotoluene	13.224	91	1078375	43.850	ug/l	100
83) tert-Butylbenzene	13.441	119	1189355	45.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1379952	45.054	ug/l	100
85) sec-Butylbenzene	13.618	105	1734981	45.612	ug/l	100
86) p-Isopropyltoluene	13.730	119	1378689	46.968	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	687758	45.659	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	676271	47.532	ug/l	98
89) n-Butylbenzene	14.059	91	1149406	44.425	ug/l	99
90) Hexachloroethane	14.335	117	264698	40.330	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	694135	47.852	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	115848	36.800	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	293241	46.214	ug/l	98
94) Hexachlorobutadiene	15.500	225	137270	46.246	ug/l	97
95) Naphthalene	15.641	128	1202915	43.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	302361	48.181	ug/l	98

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

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