

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076041.D
 Acq On : 29 Dec 2022 12:07
 Operator : JC\MD
 Sample : VN1229WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

Quant Time: Dec 30 05:30:34 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	8.229	168	313856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	453991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	172743	50.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.180%	
35) Dibromofluoromethane	8.176	113	164660	53.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.440%	
50) Toluene-d8	10.570	98	600846	51.945	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.853	95	203501	53.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	66486	29.835	ug/l	97
3) Chloromethane	2.371	50	59244	21.379	ug/l	96
4) Vinyl Chloride	2.530	62	73203	22.146	ug/l	95
5) Bromomethane	2.959	94	59165	21.061	ug/l	95
6) Chloroethane	3.130	64	51866	21.189	ug/l	99
7) Trichlorofluoromethane	3.506	101	110907	22.112	ug/l	95
8) Diethyl Ether	3.977	74	37895	20.685	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	63166	22.055	ug/l	99
10) Methyl Iodide	4.594	142	95801	20.611	ug/l	99
11) Tert butyl alcohol	5.535	59	39897	82.578	ug/l	97
12) 1,1-Dichloroethene	4.353	96	59173	21.272	ug/l	99
13) Acrolein	4.194	56	53119	89.680	ug/l	94
14) Allyl chloride	5.041	41	65150	20.035	ug/l	91
15) Acrylonitrile	5.730	53	120729	91.568	ug/l	100
16) Acetone	4.441	43	118438	100.624	ug/l	94
17) Carbon Disulfide	4.730	76	141663	21.034	ug/l	99
18) Methyl Acetate	5.035	43	65658	18.872	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	193954	21.173	ug/l	94
20) Methylene Chloride	5.288	84	65740	20.501	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	64711	21.242	ug/l	91
22) Diisopropyl ether	6.677	45	161232	20.411	ug/l	95
23) Vinyl Acetate	6.612	43	524781	98.701	ug/l	100
24) 1,1-Dichloroethane	6.582	63	106546	20.224	ug/l	99
25) 2-Butanone	7.494	43	156397	94.898	ug/l	93
26) 2,2-Dichloropropane	7.500	77	95032	21.301	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	74661	20.492	ug/l	99
28) Bromochloromethane	7.824	49	41566	18.001	ug/l	95
29) Tetrahydrofuran	7.841	42	95946	92.899	ug/l	98
30) Chloroform	7.976	83	119435	20.136	ug/l	99
31) Cyclohexane	8.265	56	96688	19.772	ug/l	93
32) 1,1,1-Trichloroethane	8.176	97	106985	20.345	ug/l	98
36) 1,1-Dichloropropene	8.376	75	85256	20.745	ug/l	98
37) Ethyl Acetate	7.571	43	65511	19.845	ug/l	98
38) Carbon Tetrachloride	8.371	117	96070	20.886	ug/l	96
39) Methylcyclohexane	9.606	83	110823	22.352	ug/l	94
40) Benzene	8.612	78	264743	20.879	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	32227	18.782	ug/l	94
42) 1,2-Dichloroethane	8.676	62	86494	20.518	ug/l	99
43) Isopropyl Acetate	8.694	43	107083	19.665	ug/l	97
44) Trichloroethene	9.359	130	72824	20.387	ug/l	95
45) 1,2-Dichloropropane	9.623	63	62337	20.203	ug/l	100
46) Dibromomethane	9.712	93	46751	20.428	ug/l	98
47) Bromodichloromethane	9.894	83	90044	20.063	ug/l	98
48) Methyl methacrylate	9.682	41	49407	20.145	ug/l	95
49) 1,4-Dioxane	9.694	88	22043	365.590	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	317501	96.413	ug/l	100
52) Toluene	10.635	92	178457	21.610	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	92368	21.025	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	103131	21.381	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	66719	20.584	ug/l	97
56) Ethyl methacrylate	10.876	69	88114	20.466	ug/l	98
57) 1,3-Dichloropropane	11.165	76	109165	20.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	136311	99.443	ug/l	98
59) 2-Hexanone	11.200	43	233099	97.061	ug/l	99
60) Dibromochloromethane	11.365	129	73001	20.252	ug/l	96
61) 1,2-Dibromoethane	11.470	107	69647	21.233	ug/l	100
64) Tetrachloroethene	11.106	164	75752	23.712	ug/l	93
65) Chlorobenzene	11.894	112	185439	19.901	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	70213	20.343	ug/l	99
67) Ethyl Benzene	11.964	91	333315	21.194	ug/l	99
68) m/p-Xylenes	12.076	106	269473	43.292	ug/l	99
69) o-Xylene	12.400	106	130850	21.242	ug/l	100
70) Styrene	12.411	104	209551	21.395	ug/l	99
71) Bromoform	12.582	173	51696	20.584	ug/l #	98
73) Isopropylbenzene	12.700	105	340462	21.564	ug/l	99
74) N-amyl acetate	12.494	43	90994	19.646	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	90523	18.547	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75395m	17.120	ug/l	
77) Bromobenzene	12.982	156	81540	20.407	ug/l	94
78) n-propylbenzene	13.041	91	377313	21.668	ug/l	99
79) 2-Chlorotoluene	13.129	91	226080	20.799	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	285750	21.625	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	25015	20.446	ug/l	97
82) 4-Chlorotoluene	13.129	91	226080	20.799	ug/l	98
83) tert-Butylbenzene	13.441	119	257398	22.094	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	286536	21.859	ug/l	100
85) sec-Butylbenzene	13.617	105	348715	21.686	ug/l	99
86) p-Isopropyltoluene	13.735	119	300623	22.468	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	148995	20.187	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	149363	19.810	ug/l	100
89) n-Butylbenzene	14.058	91	229902	21.209	ug/l	100
90) Hexachloroethane	14.335	117	48787	20.384	ug/l	96
91) 1,2-Dichlorobenzene	14.105	146	149413	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15696	18.124	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	73157	20.326	ug/l	98
94) Hexachlorobutadiene	15.505	225	40645	20.699	ug/l	98
95) Naphthalene	15.641	128	197442	18.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	71040	21.118	ug/l	98

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

