

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076042.D
 Acq On : 29 Dec 2022 12:31
 Operator : JC\MD
 Sample : VN1229WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

Quant Time: Dec 30 05:31:16 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	311662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	497057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	447334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171757	50.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.320%	
35) Dibromofluoromethane	8.171	113	162475	52.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	10.571	98	597808	51.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.853	95	202221	53.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	66343	29.980	ug/l	100
3) Chloromethane	2.377	50	62409	22.680	ug/l	96
4) Vinyl Chloride	2.530	62	73768	22.474	ug/l	98
5) Bromomethane	2.965	94	60597	21.723	ug/l	98
6) Chloroethane	3.136	64	52138	21.450	ug/l	96
7) Trichlorofluoromethane	3.512	101	110859	22.258	ug/l	98
8) Diethyl Ether	3.983	74	38613	21.226	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	63075	22.178	ug/l	98
10) Methyl Iodide	4.600	142	97786	21.186	ug/l	98
11) Tert butyl alcohol	5.536	59	46121	96.133	ug/l	98
12) 1,1-Dichloroethene	4.353	96	58765	21.275	ug/l	94
13) Acrolein	4.195	56	58559	99.560	ug/l	98
14) Allyl chloride	5.042	41	65942	20.422	ug/l	89
15) Acrylonitrile	5.730	53	131320	100.302	ug/l	99
16) Acetone	4.442	43	126672	108.378	ug/l	96
17) Carbon Disulfide	4.730	76	142547	21.314	ug/l	97
18) Methyl Acetate	5.042	43	69995	20.260	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	200271	22.017	ug/l	95
20) Methylene Chloride	5.289	84	66391	20.861	ug/l #	92
21) trans-1,2-Dichloroethene	5.800	96	65151	21.537	ug/l	86
22) Diisopropyl ether	6.683	45	166154	21.182	ug/l	99
23) Vinyl Acetate	6.618	43	536205	101.560	ug/l	99
24) 1,1-Dichloroethane	6.583	63	107652	20.578	ug/l	99
25) 2-Butanone	7.488	43	168529	102.979	ug/l	96
26) 2,2-Dichloropropane	7.494	77	97030	21.902	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	75625	20.903	ug/l	100
28) Bromochloromethane	7.824	49	43645	19.035	ug/l	100
29) Tetrahydrofuran	7.847	42	104679	102.069	ug/l	97
30) Chloroform	7.971	83	119823	20.343	ug/l	96
31) Cyclohexane	8.265	56	96133	19.797	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	110189	21.101	ug/l	96
36) 1,1-Dichloropropene	8.377	75	86156	21.070	ug/l	97
37) Ethyl Acetate	7.565	43	70220	21.379	ug/l	99
38) Carbon Tetrachloride	8.371	117	100070	21.866	ug/l	98
39) Methylcyclohexane	9.606	83	112986	22.903	ug/l	95
40) Benzene	8.612	78	264729	20.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	35310	20.682	ug/l	97
42) 1,2-Dichloroethane	8.677	62	87855	20.946	ug/l	98
43) Isopropyl Acetate	8.694	43	121036	22.339	ug/l	99
44) Trichloroethene	9.359	130	73999	20.820	ug/l	88
45) 1,2-Dichloropropane	9.630	63	63190	20.582	ug/l	98
46) Dibromomethane	9.712	93	48477	21.289	ug/l	98
47) Bromodichloromethane	9.894	83	93522	20.943	ug/l	96
48) Methyl methacrylate	9.688	41	52318	21.439	ug/l	96
49) 1,4-Dioxane	9.700	88	24824	413.787	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	348940	106.494	ug/l	100
52) Toluene	10.635	92	178826	21.764	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	95012	21.736	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	104832	21.843	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	69158	21.444	ug/l	97
56) Ethyl methacrylate	10.876	69	95518	22.298	ug/l	99
57) 1,3-Dichloropropane	11.165	76	110915	20.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	133044	97.549	ug/l	98
59) 2-Hexanone	11.200	43	253268	105.990	ug/l	100
60) Dibromochloromethane	11.359	129	76233	21.255	ug/l	100
61) 1,2-Dibromoethane	11.471	107	71267	21.836	ug/l	98
64) Tetrachloroethene	11.106	164	74706	23.733	ug/l	99
65) Chlorobenzene	11.894	112	192061	20.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	71657	21.071	ug/l	99
67) Ethyl Benzene	11.965	91	335940	21.679	ug/l	99
68) m/p-Xylenes	12.076	106	270173	44.050	ug/l	99
69) o-Xylene	12.400	106	131959	21.741	ug/l	99
70) Styrene	12.412	104	211851	21.952	ug/l	99
71) Bromoform	12.582	173	53095	21.456	ug/l #	95
73) Isopropylbenzene	12.700	105	346374	22.560	ug/l	100
74) N-amyl acetate	12.500	43	97162	21.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	95331	20.085	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	81643m	19.063	ug/l	
77) Bromobenzene	12.982	156	83694	21.539	ug/l	96
78) n-propylbenzene	13.041	91	377618	22.299	ug/l	99
79) 2-Chlorotoluene	13.129	91	225917	21.372	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	289483	22.528	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26644	22.393	ug/l	96
82) 4-Chlorotoluene	13.129	91	225917	21.372	ug/l	99
83) tert-Butylbenzene	13.441	119	253038	22.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	288311	22.616	ug/l	98
85) sec-Butylbenzene	13.617	105	350047	22.385	ug/l	98
86) p-Isopropyltoluene	13.729	119	294978	22.670	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	148684	20.715	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	146995	20.047	ug/l	98
89) n-Butylbenzene	14.059	91	223330	21.186	ug/l	99
90) Hexachloroethane	14.335	117	50733	21.797	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	150055	21.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14952	17.753	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	71478	20.422	ug/l	99
94) Hexachlorobutadiene	15.500	225	39091	20.471	ug/l	98
95) Naphthalene	15.641	128	210897	19.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70260	21.477	ug/l	98

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

