

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078021.D
 Acq On : 02 Jun 2023 10:47
 Operator : JC\MD
 Sample : VN0602WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Quant Time: Jun 05 01:14:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	351092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	547926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	264837	50.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.171	113	226493	55.415	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.840%	
50) Toluene-d8	10.571	98	807517	51.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	270464	48.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61249	15.329	ug/l	98
3) Chloromethane	2.371	50	69206	15.085	ug/l	99
4) Vinyl Chloride	2.524	62	89956	17.857	ug/l	96
5) Bromomethane	2.965	94	71066	19.074	ug/l	94
6) Chloroethane	3.136	64	65815	18.128	ug/l	98
7) Trichlorofluoromethane	3.507	101	133040	18.950	ug/l	96
8) Diethyl Ether	3.971	74	49898	19.469	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	76497	19.689	ug/l	99
10) Methyl Iodide	4.601	142	91790	19.810	ug/l	98
11) Tert butyl alcohol	5.536	59	68308	94.218	ug/l	99
12) 1,1-Dichloroethene	4.359	96	70333	19.046	ug/l	95
13) Acrolein	4.201	56	31631	46.774	ug/l	91
14) Allyl chloride	5.036	41	103786	19.132	ug/l	95
15) Acrylonitrile	5.736	53	179858	92.858	ug/l	98
16) Acetone	4.442	43	169855	102.772	ug/l	99
17) Carbon Disulfide	4.724	76	157709	15.851	ug/l	98
18) Methyl Acetate	5.036	43	134136	19.346	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	260262	19.472	ug/l	98
20) Methylene Chloride	5.283	84	85322	18.593	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	75610	18.228	ug/l	85
22) Diisopropyl ether	6.683	45	242312	19.057	ug/l #	94
23) Vinyl Acetate	6.612	43	695385	88.268	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	154927	19.888	ug/l	98
25) 2-Butanone	7.494	43	237297	91.784	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	129410	19.554	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	95541	19.210	ug/l	90
28) Bromochloromethane	7.824	49	68311	20.276	ug/l	86
29) Tetrahydrofuran	7.847	42	151484	89.483	ug/l #	84
30) Chloroform	7.971	83	166208	19.396	ug/l	92
31) Cyclohexane	8.265	56	122937	17.218	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	147012	20.179	ug/l	98
36) 1,1-Dichloropropene	8.383	75	116789	19.536	ug/l	98
37) Ethyl Acetate	7.571	43	98907	18.562	ug/l #	94
38) Carbon Tetrachloride	8.371	117	123138	20.398	ug/l	99
39) Methylcyclohexane	9.612	83	112266	15.339	ug/l	93
40) Benzene	8.612	78	354055	20.070	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	54630	19.252	ug/l	87
42) 1,2-Dichloroethane	8.677	62	123319	19.243	ug/l	96
43) Isopropyl Acetate	8.700	43	162845	18.711	ug/l	94
44) Trichloroethene	9.359	130	88395	19.789	ug/l	94
45) 1,2-Dichloropropane	9.630	63	93288	20.731	ug/l	98
46) Dibromomethane	9.718	93	64036	19.887	ug/l	95
47) Bromodichloromethane	9.894	83	130287	21.135	ug/l	99
48) Methyl methacrylate	9.683	41	76180	18.461	ug/l	87
49) 1,4-Dioxane	9.700	88	30926	396.805	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	498767	96.410	ug/l	92
52) Toluene	10.635	92	225529	20.535	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	129007	19.762	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	141980	19.736	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	91752	21.040	ug/l	95
56) Ethyl methacrylate	10.882	69	129760	19.680	ug/l	91
57) 1,3-Dichloropropane	11.171	76	152690	20.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	260890	80.429	ug/l	92
59) 2-Hexanone	11.200	43	355209	92.827	ug/l	91
60) Dibromochloromethane	11.365	129	93408	20.749	ug/l	99
61) 1,2-Dibromoethane	11.477	107	89937	20.673	ug/l	99
64) Tetrachloroethene	11.112	164	82945	21.647	ug/l	96
65) Chlorobenzene	11.894	112	242210	20.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	91091	22.163	ug/l	96
67) Ethyl Benzene	11.971	91	419995	19.730	ug/l	98
68) m/p-Xylenes	12.077	106	319933	39.666	ug/l	97
69) o-Xylene	12.406	106	159297	20.082	ug/l	97
70) Styrene	12.418	104	244772	19.425	ug/l	97
71) Bromoform	12.582	173	57821	21.148	ug/l #	98
73) Isopropylbenzene	12.700	105	400701	21.387	ug/l	100
74) N-amyl acetate	12.500	43	125989	18.192	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	124827	21.657	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	85562m	15.719	ug/l	
77) Bromobenzene	12.988	156	85688	20.041	ug/l	92
78) n-propylbenzene	13.041	91	441811	20.002	ug/l	99
79) 2-Chlorotoluene	13.129	91	277440	21.049	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	320487	20.352	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36918	21.680	ug/l #	84
82) 4-Chlorotoluene	13.229	91	256120	19.530	ug/l	97
83) tert-Butylbenzene	13.447	119	267599	19.466	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	320968	20.725	ug/l	99
85) sec-Butylbenzene	13.623	105	354506	18.146	ug/l	99
86) p-Isopropyltoluene	13.735	119	291997	18.747	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	150114	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	143725	18.317	ug/l	97
89) n-Butylbenzene	14.065	91	216351	15.102	ug/l	99
90) Hexachloroethane	14.335	117	49466	19.333	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	148444	20.095	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18733	16.787	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	47574	11.021	ug/l	95
94) Hexachlorobutadiene	15.512	225	25371	14.156	ug/l	99
95) Naphthalene	15.647	128	152724	10.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	53342	12.621	ug/l	97

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

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