

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
 Data File : VN075214.D
 Acq On : 09 Nov 2022 13:53
 Operator : JC\MD
 Sample : VN1109WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

Quant Time: Nov 10 02:41:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	106770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	175902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68076	47.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	8.171	113	57428	50.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.960%		
50) Toluene-d8	10.565	98	211166	47.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.847	95	75256	48.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21815	15.706	ug/l	97
3) Chloromethane	2.371	50	22042	14.940	ug/l	93
4) Vinyl Chloride	2.524	62	29876	14.195	ug/l	96
5) Bromomethane	2.930	94	25412	13.300	ug/l	93
6) Chloroethane	3.106	64	24635m	16.323	ug/l	
7) Trichlorofluoromethane	3.500	101	37605	17.491	ug/l	96
8) Diethyl Ether	3.977	74	14758	18.819	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	22281	18.765	ug/l	99
10) Methyl Iodide	4.595	142	31340	17.730	ug/l	96
11) Tert butyl alcohol	5.536	59	28075	83.684	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	19533	17.259	ug/l	91
13) Acrolein	4.189	56	20252	73.802	ug/l	99
14) Allyl chloride	5.036	41	28888m	17.476	ug/l	
15) Acrylonitrile	5.730	53	64623	91.186	ug/l	98
16) Acetone	4.436	43	52535	86.245	ug/l	90
17) Carbon Disulfide	4.718	76	41204	14.477	ug/l	95
18) Methyl Acetate	5.036	43	38904	19.552	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	80474	19.131	ug/l	97
20) Methylene Chloride	5.289	84	25109	18.487	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	21040	16.979	ug/l	91
22) Diisopropyl ether	6.677	45	66461	18.219	ug/l	96
23) Vinyl Acetate	6.612	43	263225m	86.412	ug/l	
24) 1,1-Dichloroethane	6.571	63	41937	18.177	ug/l	97
25) 2-Butanone	7.494	43	82953	86.579	ug/l	96
26) 2,2-Dichloropropane	7.494	77	38096	17.949	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	27913	18.862	ug/l	95
28) Bromochloromethane	7.818	49	18111	18.622	ug/l	95
29) Tetrahydrofuran	7.841	42	52503	84.802	ug/l	99
30) Chloroform	7.971	83	46446	18.542	ug/l	93
31) Cyclohexane	8.265	56	34727	16.231	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	41435	18.215	ug/l	96
36) 1,1-Dichloropropene	8.377	75	32179	18.271	ug/l	98
37) Ethyl Acetate	7.565	43	33044	17.108	ug/l	99
38) Carbon Tetrachloride	8.371	117	35113	18.125	ug/l	99
39) Methylcyclohexane	9.606	83	39259	16.885	ug/l	97
40) Benzene	8.612	78	98022	18.178	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16750	18.101	ug/l	98
42) 1,2-Dichloroethane	8.677	62	35987	18.343	ug/l	95
43) Isopropyl Acetate	8.694	43	52721	17.598	ug/l	100
44) Trichloroethene	9.353	130	27257	20.147	ug/l	94
45) 1,2-Dichloropropane	9.624	63	25160	19.606	ug/l	95
46) Dibromomethane	9.712	93	19379	19.383	ug/l	98
47) Bromodichloromethane	9.888	83	35980	18.583	ug/l	95
48) Methyl methacrylate	9.682	41	24713	17.983	ug/l	97
49) 1,4-Dioxane	9.700	88	13664	379.692	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	169865	87.863	ug/l	100
52) Toluene	10.629	92	65830	18.262	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	37528	18.364	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	39005	17.995	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	27472	19.221	ug/l	97
56) Ethyl methacrylate	10.876	69	39418	18.080	ug/l	97
57) 1,3-Dichloropropane	11.165	76	45878	19.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	83731	99.341	ug/l	99
59) 2-Hexanone	11.194	43	124391	84.776	ug/l	98
60) Dibromochloromethane	11.359	129	28778	19.084	ug/l	100
61) 1,2-Dibromoethane	11.471	107	28195	19.249	ug/l	99
64) Tetrachloroethene	11.106	164	29379	27.242	ug/l	93
65) Chlorobenzene	11.894	112	71210	18.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	26889	19.305	ug/l	99
67) Ethyl Benzene	11.965	91	123993	18.355	ug/l	98
68) m/p-Xylenes	12.071	106	99323	36.644	ug/l	99
69) o-Xylene	12.400	106	49233	18.367	ug/l	98
70) Styrene	12.412	104	76952	18.004	ug/l	99
71) Bromoform	12.576	173	19078	18.295	ug/l #	99
73) Isopropylbenzene	12.694	105	128793	19.228	ug/l	99
74) N-amyl acetate	12.494	43	41543	16.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	38694	17.559	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	34869m	19.683	ug/l	
77) Bromobenzene	12.982	156	28418	19.268	ug/l	97
78) n-propylbenzene	13.035	91	143395	19.067	ug/l	99
79) 2-Chlorotoluene	13.129	91	86139	18.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	107597	19.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11317	16.398	ug/l	92
82) 4-Chlorotoluene	13.129	91	86139	18.744	ug/l	98
83) tert-Butylbenzene	13.441	119	93929	18.789	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	108998	19.148	ug/l	98
85) sec-Butylbenzene	13.617	105	132265	18.913	ug/l	99
86) p-Isopropyltoluene	13.729	119	111151	19.245	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	56300	19.496	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	56975	19.936	ug/l	98
89) n-Butylbenzene	14.059	91	91041	19.575	ug/l	98
90) Hexachloroethane	14.335	117	17671	16.687	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	56990	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8331	18.439	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	27069	21.912	ug/l	99
94) Hexachlorobutadiene	15.500	225	12246	20.334	ug/l	98
95) Naphthalene	15.641	128	99352	20.913	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	26878	21.897	ug/l	97

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

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