

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076377.D
 Acq On : 24 Jan 2023 12:49
 Operator : JC\MD
 Sample : VN0124WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 00:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	391548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	623363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224044	51.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	8.177	113	198745	50.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	10.571	98	732495	50.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.853	95	245638	52.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	75332	18.775	ug/l	93
3) Chloromethane	2.377	50	81223	19.551	ug/l	96
4) Vinyl Chloride	2.524	62	107906	21.183	ug/l	99
5) Bromomethane	2.965	94	81435	19.522	ug/l	99
6) Chloroethane	3.130	64	73619	19.273	ug/l	97
7) Trichlorofluoromethane	3.512	101	131426	18.753	ug/l	98
8) Diethyl Ether	3.977	74	47733	20.307	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	77553	19.548	ug/l	97
10) Methyl Iodide	4.601	142	109396	18.052	ug/l	97
11) Tert butyl alcohol	5.530	59	51122	87.179	ug/l	99
12) 1,1-Dichloroethene	4.353	96	70389	18.769	ug/l	91
13) Acrolein	4.195	56	68511	97.694	ug/l	97
14) Allyl chloride	5.036	41	83921	19.202	ug/l	98
15) Acrylonitrile	5.736	53	159495	95.579	ug/l	100
16) Acetone	4.442	43	167213	118.940	ug/l	97
17) Carbon Disulfide	4.724	76	148440	15.896	ug/l	97
18) Methyl Acetate	5.042	43	89358	18.761	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	244785	20.049	ug/l	98
20) Methylene Chloride	5.289	84	80382	18.955	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	73612	18.118	ug/l	98
22) Diisopropyl ether	6.689	45	211529	20.524	ug/l	97
23) Vinyl Acetate	6.612	43	672174	100.911	ug/l	97
24) 1,1-Dichloroethane	6.577	63	135995	19.795	ug/l	96
25) 2-Butanone	7.489	43	215498	100.396	ug/l	95
26) 2,2-Dichloropropane	7.494	77	112247	19.385	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	89361	18.858	ug/l	97
28) Bromochloromethane	7.824	49	62217	22.343	ug/l	94
29) Tetrahydrofuran	7.847	42	131686	99.403	ug/l	97
30) Chloroform	7.977	83	150633	19.816	ug/l	99
31) Cyclohexane	8.265	56	120518	17.895	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	133660	19.258	ug/l	98
36) 1,1-Dichloropropene	8.377	75	106033	19.136	ug/l	99
37) Ethyl Acetate	7.571	43	85607	19.284	ug/l	99
38) Carbon Tetrachloride	8.365	117	117475	19.012	ug/l	95
39) Methylcyclohexane	9.606	83	133137	19.676	ug/l	98
40) Benzene	8.612	78	323105	19.501	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44501	19.123	ug/l	95
42) 1,2-Dichloroethane	8.671	62	111893	19.738	ug/l	99
43) Isopropyl Acetate	8.694	43	140746	19.467	ug/l	98
44) Trichloroethene	9.353	130	85888	18.328	ug/l	95
45) 1,2-Dichloropropane	9.624	63	78457	19.778	ug/l	97
46) Dibromomethane	9.712	93	56925	19.007	ug/l	98
47) Bromodichloromethane	9.888	83	115403	19.867	ug/l	100
48) Methyl methacrylate	9.683	41	66527	19.436	ug/l	98
49) 1,4-Dioxane	9.700	88	27539	381.301	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	426066	100.385	ug/l	98
52) Toluene	10.635	92	213260	19.248	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	110439	19.944	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	125120	19.640	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	81236	19.182	ug/l	97
56) Ethyl methacrylate	10.877	69	112019	20.488	ug/l	98
57) 1,3-Dichloropropane	11.165	76	136351	19.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	164421	89.077	ug/l	100
59) 2-Hexanone	11.200	43	314638	102.299	ug/l	99
60) Dibromochloromethane	11.359	129	89541	20.085	ug/l	99
61) 1,2-Dibromoethane	11.471	107	80719	19.095	ug/l	98
64) Tetrachloroethene	11.106	164	88450	18.253	ug/l	98
65) Chlorobenzene	11.894	112	222275	19.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	85281	20.180	ug/l	99
67) Ethyl Benzene	11.965	91	400745	20.615	ug/l	99
68) m/p-Xylenes	12.071	106	316359	40.584	ug/l	99
69) o-Xylene	12.400	106	159978	20.898	ug/l	99
70) Styrene	12.412	104	250003	20.454	ug/l	99
71) Bromoform	12.582	173	61530	20.161	ug/l #	99
73) Isopropylbenzene	12.700	105	412389	21.207	ug/l	100
74) N-amyl acetate	12.494	43	116749	20.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	114389	20.462	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	89629m	18.985	ug/l	
77) Bromobenzene	12.982	156	97201	21.055	ug/l	99
78) n-propylbenzene	13.041	91	462961	21.100	ug/l	99
79) 2-Chlorotoluene	13.129	91	276796	20.558	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	352239	21.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	30072	19.905	ug/l	99
82) 4-Chlorotoluene	13.129	91	276796	20.558	ug/l	100
83) tert-Butylbenzene	13.441	119	309760	21.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	348394	21.327	ug/l	100
85) sec-Butylbenzene	13.618	105	431274	21.451	ug/l	99
86) p-Isopropyltoluene	13.729	119	358973	21.713	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177869	19.406	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	174461	20.070	ug/l	99
89) n-Butylbenzene	14.059	91	279281	21.280	ug/l	100
90) Hexachloroethane	14.335	117	60975	21.369	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	178720	19.578	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20596	21.195	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	81311	19.258	ug/l	98
94) Hexachlorobutadiene	15.506	225	47981	19.806	ug/l	99
95) Naphthalene	15.641	128	235463	19.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	79935	19.727	ug/l	99

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

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