

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076149.D
 Acq On : 09 Jan 2023 12:28
 Operator : JC\MD
 Sample : VN0109WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 01:03:52 2023
 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	264724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	384263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	138633	48.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.280%		
35) Dibromofluoromethane	8.171	113	125552	47.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	10.571	98	449448	45.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.853	95	155633	47.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	47452	25.245	ug/l	94
3) Chloromethane	2.371	50	50489	21.602	ug/l	99
4) Vinyl Chloride	2.530	62	59472	21.331	ug/l	100
5) Bromomethane	2.965	94	47095	19.876	ug/l	93
6) Chloroethane	3.136	64	42126	20.404	ug/l	99
7) Trichlorofluoromethane	3.512	101	82671	19.541	ug/l	93
8) Diethyl Ether	3.977	74	29489	19.084	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	46192	19.121	ug/l	96
10) Methyl Iodide	4.606	142	69230	17.659	ug/l	96
11) Tert butyl alcohol	5.530	59	36138	88.680	ug/l	100
12) 1,1-Dichloroethene	4.353	96	43612	18.588	ug/l	96
13) Acrolein	4.194	56	58259	116.613	ug/l	99
14) Allyl chloride	5.041	41	53310	19.437	ug/l	90
15) Acrylonitrile	5.736	53	109761	98.700	ug/l	97
16) Acetone	4.441	43	102111	102.854	ug/l	97
17) Carbon Disulfide	4.730	76	109644	19.301	ug/l	100
18) Methyl Acetate	5.041	43	62641	21.346	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	161821	20.944	ug/l	95
20) Methylene Chloride	5.294	84	53512	19.762	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	47094	18.328	ug/l	92
22) Diisopropyl ether	6.683	45	139713	20.969	ug/l	98
23) Vinyl Acetate	6.618	43	441195	98.381	ug/l	96
24) 1,1-Dichloroethane	6.583	63	86420	19.449	ug/l	100
25) 2-Butanone	7.494	43	142209	102.304	ug/l	99
26) 2,2-Dichloropropane	7.500	77	72097	19.159	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	57221	18.620	ug/l	95
28) Bromochloromethane	7.818	49	39692	20.380	ug/l	96
29) Tetrahydrofuran	7.841	42	88916	102.071	ug/l	99
30) Chloroform	7.971	83	93148	18.618	ug/l	95
31) Cyclohexane	8.259	56	78592	19.054	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	83747	18.881	ug/l	98
36) 1,1-Dichloropropene	8.377	75	67057	19.110	ug/l	99
37) Ethyl Acetate	7.565	43	60717	21.542	ug/l	96
38) Carbon Tetrachloride	8.371	117	76719	19.535	ug/l	100
39) Methylcyclohexane	9.606	83	80436	19.001	ug/l	94
40) Benzene	8.612	78	206919	19.113	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30783	21.012	ug/l	99
42) 1,2-Dichloroethane	8.677	62	71811	19.952	ug/l	99
43) Isopropyl Acetate	8.694	43	93872	20.190	ug/l	99
44) Trichloroethene	9.359	130	55272	18.122	ug/l	98
45) 1,2-Dichloropropane	9.624	63	50916	19.326	ug/l	93
46) Dibromomethane	9.712	93	37038	18.955	ug/l	98
47) Bromodichloromethane	9.894	83	78191	20.405	ug/l	100
48) Methyl methacrylate	9.682	41	44816	21.402	ug/l	97
49) 1,4-Dioxane	9.700	88	18434	358.076	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	291285	103.596	ug/l	99
52) Toluene	10.635	92	137019	19.433	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	75546	20.140	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	82964	20.145	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	53551	19.350	ug/l	97
56) Ethyl methacrylate	10.876	69	71692	19.503	ug/l	94
57) 1,3-Dichloropropane	11.165	76	90158	19.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	109496	93.557	ug/l	98
59) 2-Hexanone	11.200	43	215050	104.876	ug/l	97
60) Dibromochloromethane	11.359	129	64076	20.819	ug/l	96
61) 1,2-Dibromoethane	11.470	107	54747	19.548	ug/l	98
64) Tetrachloroethene	11.106	164	57001	21.080	ug/l	96
65) Chlorobenzene	11.894	112	144052	18.265	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	56421	19.314	ug/l	99
67) Ethyl Benzene	11.965	91	256125	19.241	ug/l	98
68) m/p-Xylenes	12.076	106	205495	39.004	ug/l	98
69) o-Xylene	12.400	106	101261	19.422	ug/l	98
70) Styrene	12.412	104	160614	19.375	ug/l	100
71) Bromoform	12.582	173	45320	21.320	ug/l #	99
73) Isopropylbenzene	12.700	105	258838	19.437	ug/l	99
74) N-amyl acetate	12.500	43	77648	19.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	78371	19.037	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	76491m	20.592	ug/l	
77) Bromobenzene	12.982	156	62215	18.461	ug/l	98
78) n-propylbenzene	13.035	91	288047	19.612	ug/l	98
79) 2-Chlorotoluene	13.129	91	175683	19.162	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	218670	19.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21493	20.827	ug/l	92
82) 4-Chlorotoluene	13.129	91	175683	19.162	ug/l	100
83) tert-Butylbenzene	13.441	119	193551	19.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	217864	19.704	ug/l	98
85) sec-Butylbenzene	13.617	105	268991	19.833	ug/l	98
86) p-Isopropyltoluene	13.735	119	223902	19.839	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	116464	18.708	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	115323	18.134	ug/l	98
89) n-Butylbenzene	14.059	91	170922	18.695	ug/l	99
90) Hexachloroethane	14.335	117	42103	20.856	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	114104	18.608	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13245	18.132	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	53201	17.525	ug/l	99
94) Hexachlorobutadiene	15.500	225	29061	17.546	ug/l	98
95) Naphthalene	15.641	128	156819	17.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	53647	18.907	ug/l	98

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

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