

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076148.D
 Acq On : 09 Jan 2023 11:54
 Operator : JC\MD
 Sample : VN0109WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBS01

Quant Time: Jan 10 01:03:04 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	277256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	448881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	399965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141841	47.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.060%		
35) Dibromofluoromethane	8.171	113	129858	46.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.420%		
50) Toluene-d8	10.571	98	477586	45.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.900%		
62) 4-Bromofluorobenzene	12.847	95	160377	46.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51075	25.945	ug/l	99
3) Chloromethane	2.371	50	53075	21.682	ug/l	96
4) Vinyl Chloride	2.530	62	63505	21.748	ug/l	97
5) Bromomethane	2.965	94	49033	19.758	ug/l	97
6) Chloroethane	3.130	64	43968	20.333	ug/l	95
7) Trichlorofluoromethane	3.512	101	84683	19.112	ug/l	97
8) Diethyl Ether	3.977	74	30050	18.569	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	50088	19.797	ug/l	98
10) Methyl Iodide	4.606	142	69813	17.002	ug/l	96
11) Tert butyl alcohol	5.536	59	34088	79.869	ug/l	99
12) 1,1-Dichloroethene	4.348	96	46017	18.727	ug/l	91
13) Acrolein	4.189	56	58394	111.600	ug/l	97
14) Allyl chloride	5.042	41	54018	18.805	ug/l	91
15) Acrylonitrile	5.730	53	111020	95.319	ug/l	99
16) Acetone	4.442	43	107919	103.791	ug/l	94
17) Carbon Disulfide	4.730	76	116158	19.524	ug/l #	95
18) Methyl Acetate	5.047	43	61008	19.850	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	156880	19.387	ug/l	97
20) Methylene Chloride	5.295	84	55324	19.500	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	49213	18.287	ug/l	99
22) Diisopropyl ether	6.683	45	136694	19.589	ug/l	98
23) Vinyl Acetate	6.612	43	432913	92.171	ug/l	95
24) 1,1-Dichloroethane	6.583	63	86382	18.561	ug/l	99
25) 2-Butanone	7.494	43	144263	99.090	ug/l	93
26) 2,2-Dichloropropane	7.494	77	75948	19.271	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	57618	17.902	ug/l	94
28) Bromochloromethane	7.824	49	40717	19.961	ug/l	97
29) Tetrahydrofuran	7.847	42	88549	97.055	ug/l	99
30) Chloroform	7.971	83	96500	18.417	ug/l	98
31) Cyclohexane	8.265	56	83791	19.397	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	86307	18.579	ug/l	97
36) 1,1-Dichloropropene	8.377	75	68974	18.678	ug/l	99
37) Ethyl Acetate	7.565	43	57417	19.357	ug/l	99
38) Carbon Tetrachloride	8.371	117	81602	19.744	ug/l	99
39) Methylcyclohexane	9.606	83	85727	19.243	ug/l	99
40) Benzene	8.612	78	214241	18.804	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30575	19.831	ug/l	97
42) 1,2-Dichloroethane	8.677	62	72800	19.219	ug/l	100
43) Isopropyl Acetate	8.694	43	93924	19.196	ug/l	99
44) Trichloroethene	9.359	130	56207	17.511	ug/l	96
45) 1,2-Dichloropropane	9.624	63	51070	18.420	ug/l	97
46) Dibromomethane	9.712	93	38759	18.848	ug/l	97
47) Bromodichloromethane	9.888	83	77809	19.295	ug/l	100
48) Methyl methacrylate	9.688	41	43185	19.596	ug/l	95
49) 1,4-Dioxane	9.700	88	18436	340.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	289370	97.791	ug/l	97
52) Toluene	10.629	92	139745	18.833	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75511	19.129	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	83295	19.218	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	54678	18.774	ug/l	98
56) Ethyl methacrylate	10.877	69	71064	18.370	ug/l	96
57) 1,3-Dichloropropane	11.165	76	90724	18.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	106944	86.828	ug/l	98
59) 2-Hexanone	11.200	43	212273	98.368	ug/l	97
60) Dibromochloromethane	11.359	129	62515	19.301	ug/l	99
61) 1,2-Dibromoethane	11.471	107	53782	18.248	ug/l	97
64) Tetrachloroethene	11.106	164	59260	21.056	ug/l	97
65) Chlorobenzene	11.894	112	147326	17.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	56801	18.680	ug/l	98
67) Ethyl Benzene	11.965	91	260834	18.826	ug/l	99
68) m/p-Xylenes	12.071	106	208208	37.968	ug/l	99
69) o-Xylene	12.400	106	101935	18.784	ug/l	98
70) Styrene	12.412	104	162024	18.777	ug/l	99
71) Bromoform	12.576	173	45865	20.729	ug/l #	100
73) Isopropylbenzene	12.700	105	266187	19.668	ug/l	99
74) N-amyl acetate	12.500	43	74079	18.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	75451	18.034	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65479m	17.345	ug/l	
77) Bromobenzene	12.982	156	63209	18.455	ug/l	98
78) n-propylbenzene	13.035	91	294194	19.709	ug/l	99
79) 2-Chlorotoluene	13.129	91	177352	19.033	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	221929	19.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21201	20.214	ug/l #	86
82) 4-Chlorotoluene	13.129	91	177352	19.033	ug/l	99
83) tert-Butylbenzene	13.441	119	195314	19.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	219195	19.506	ug/l	99
85) sec-Butylbenzene	13.618	105	269902	19.580	ug/l	98
86) p-Isopropyltoluene	13.729	119	230465	20.093	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	115403	18.240	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	112100	17.344	ug/l	99
89) n-Butylbenzene	14.059	91	174546	18.784	ug/l	98
90) Hexachloroethane	14.335	117	44963	21.915	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	116077	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13208	17.791	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	50737	16.445	ug/l	99
94) Hexachlorobutadiene	15.506	225	29129	17.305	ug/l	95
95) Naphthalene	15.641	128	143598	15.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50043	17.354	ug/l	98

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

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