

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079348.D
 Acq On : 26 Sep 2023 12:05
 Operator : JC\MD
 Sample : VN0926WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Quant Time: Sep 27 06:24:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	258088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122875	56.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.920%			
35) Dibromofluoromethane	8.171	113	94597	49.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	10.571	98	336113	48.182	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.360%			
62) 4-Bromofluorobenzene	12.853	95	107226	48.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	30826	19.323	ug/l	98
3) Chloromethane	2.365	50	40709	19.439	ug/l	97
4) Vinyl Chloride	2.518	62	45916	20.122	ug/l	98
5) Bromomethane	2.954	94	27621	21.058	ug/l	99
6) Chloroethane	3.118	64	33099	22.135	ug/l	99
7) Trichlorofluoromethane	3.501	101	64047	19.168	ug/l	97
8) Diethyl Ether	3.965	74	23335	20.120	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	33244	18.708	ug/l	97
10) Methyl Iodide	4.595	142	33880	23.308	ug/l	97
11) Tert butyl alcohol	5.524	59	33387	83.088	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31291	18.197	ug/l	86
13) Acrolein	4.183	56	36461	95.125	ug/l	95
14) Allyl chloride	5.030	41	49593	18.079	ug/l	90
15) Acrylonitrile	5.730	53	107060	102.753	ug/l	99
16) Acetone	4.436	43	105457	114.086	ug/l	95
17) Carbon Disulfide	4.718	76	76028	14.146	ug/l	96
18) Methyl Acetate	5.024	43	83482	21.975	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	119093	20.193	ug/l	93
20) Methylene Chloride	5.283	84	42560	18.920	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	36150	18.122	ug/l	89
22) Diisopropyl ether	6.677	45	132783	22.061	ug/l #	88
23) Vinyl Acetate	6.606	43	374247	101.091	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	75697	20.402	ug/l	99
25) 2-Butanone	7.489	43	148705	110.876	ug/l #	78
26) 2,2-Dichloropropane	7.489	77	61013	20.039	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	43224	18.950	ug/l	86
28) Bromochloromethane	7.818	49	34474	20.550	ug/l #	72
29) Tetrahydrofuran	7.847	42	89501	104.864	ug/l #	76
30) Chloroform	7.971	83	79947	20.695	ug/l	91
31) Cyclohexane	8.265	56	58076	18.275	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	64378	19.550	ug/l	95
36) 1,1-Dichloropropene	8.377	75	52377	17.886	ug/l	96
37) Ethyl Acetate	7.565	43	57997	19.856	ug/l #	90
38) Carbon Tetrachloride	8.365	117	54618	18.023	ug/l	92
39) Methylcyclohexane	9.606	83	49164	17.020	ug/l #	88
40) Benzene	8.612	78	164773	18.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32276	21.916	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	64202	20.803	ug/l	97
43) Isopropyl Acetate	8.694	43	92992	19.512	ug/l #	89
44) Trichloroethene	9.359	130	39155	17.731	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44485	19.995	ug/l	93
46) Dibromomethane	9.712	93	31032	20.547	ug/l	100
47) Bromodichloromethane	9.888	83	63066	20.387	ug/l	94
48) Methyl methacrylate	9.682	41	42857	20.076	ug/l #	82
49) 1,4-Dioxane	9.700	88	16375	372.941	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	295860	106.941	ug/l	88
52) Toluene	10.635	92	103528	18.792	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	61327	18.802	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	67512	19.352	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	43777	20.251	ug/l	97
56) Ethyl methacrylate	10.877	69	57960	18.994	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	73906	19.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	126461	105.335	ug/l	88
59) 2-Hexanone	11.200	43	210465	105.033	ug/l	87
60) Dibromochloromethane	11.365	129	43241	18.795	ug/l	99
61) 1,2-Dibromoethane	11.477	107	40628	18.833	ug/l	98
64) Tetrachloroethene	11.106	164	33712	17.914	ug/l	92
65) Chlorobenzene	11.894	112	104984	17.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	40912	18.661	ug/l	96
67) Ethyl Benzene	11.971	91	182430	18.242	ug/l	97
68) m/p-Xylenes	12.076	106	135813	36.435	ug/l	93
69) o-Xylene	12.406	106	65367	18.284	ug/l	94
70) Styrene	12.418	104	107631	18.719	ug/l	98
71) Bromoform	12.582	173	28645	17.698	ug/l #	98
73) Isopropylbenzene	12.700	105	169446	17.930	ug/l	99
74) N-amyl acetate	12.500	43	67790	18.907	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	62895	17.872	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	56641m	20.232	ug/l	
77) Bromobenzene	12.982	156	41124	17.185	ug/l	97
78) n-propylbenzene	13.041	91	200493	18.885	ug/l	98
79) 2-Chlorotoluene	13.129	91	122961	17.708	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	141520	17.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17615	17.298	ug/l #	84
82) 4-Chlorotoluene	13.223	91	118041	18.092	ug/l	98
83) tert-Butylbenzene	13.441	119	114699	17.607	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	139773	18.637	ug/l	99
85) sec-Butylbenzene	13.623	105	166060	18.516	ug/l	100
86) p-Isopropyltoluene	13.735	119	130211	18.173	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	68542	17.463	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	65611	16.543	ug/l	96
89) n-Butylbenzene	14.059	91	103114	18.301	ug/l	95
90) Hexachloroethane	14.335	117	27307	18.767	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	67750	17.485	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9688	18.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	20138	14.463	ug/l	97
94) Hexachlorobutadiene	15.500	225	16877	15.408	ug/l	98
95) Naphthalene	15.647	128	52059	12.588	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	23217	14.135	ug/l	98

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

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