

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079158.D
 Acq On : 02 Sep 2023 21:11
 Operator : JC\MD
 Sample : VN0902WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBSD01

Quant Time: Sep 04 01:11:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	229751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	397829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	354130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166777	46.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.300%		
35) Dibromofluoromethane	8.171	113	141609	52.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.760%		
50) Toluene-d8	10.570	98	480631	48.336	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.853	95	86589	26.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	53.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	47927	15.034	ug/l	97
3) Chloromethane	2.365	50	41920	9.418	ug/l	95
4) Vinyl Chloride	2.518	62	69020	17.682	ug/l	97
5) Bromomethane	2.947	94	25351	11.312	ug/l	94
6) Chloroethane	3.118	64	27539	10.092	ug/l	89
7) Trichlorofluoromethane	3.494	101	84634	17.802	ug/l	99
8) Diethyl Ether	3.965	74	33012	18.316	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	44753	17.674	ug/l	99
10) Methyl Iodide	4.594	142	60419	21.326	ug/l	98
11) Tert butyl alcohol	5.530	59	52466	87.456	ug/l	97
12) 1,1-Dichloroethene	4.341	96	45430	18.418	ug/l	87
13) Acrolein	4.189	56	27573	76.384	ug/l	98
14) Allyl chloride	5.024	41	78458	15.982	ug/l #	84
15) Acrylonitrile	5.730	53	144355	88.823	ug/l	97
16) Acetone	4.436	43	115299	78.161	ug/l	91
17) Carbon Disulfide	4.718	76	117272	16.985	ug/l	97
18) Methyl Acetate	5.030	43	105268	16.892	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	173060	19.478	ug/l	92
20) Methylene Chloride	5.283	84	63300	20.136	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	52336	18.922	ug/l	88
22) Diisopropyl ether	6.677	45	185267	17.839	ug/l #	90
23) Vinyl Acetate	6.612	43	541652	79.210	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	108812	19.179	ug/l	98
25) 2-Butanone	7.488	43	186062	78.671	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	68001	14.828	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	62783	18.675	ug/l	90
28) Bromochloromethane	7.818	49	53456	17.762	ug/l #	78
29) Tetrahydrofuran	7.847	42	124762	79.698	ug/l #	77
30) Chloroform	7.971	83	113640	20.049	ug/l	94
31) Cyclohexane	8.259	56	79508	16.038	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	91187	18.867	ug/l	97
36) 1,1-Dichloropropene	8.377	75	74164	18.410	ug/l	96
37) Ethyl Acetate	7.571	43	75737	16.804	ug/l #	95
38) Carbon Tetrachloride	8.365	117	75417	18.685	ug/l	96
39) Methylcyclohexane	9.606	83	64430	17.391	ug/l #	86
40) Benzene	8.612	78	256042	21.504	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42055	17.132	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	86104	19.356	ug/l	99
43) Isopropyl Acetate	8.694	43	147150	18.471	ug/l #	87
44) Trichloroethene	9.359	130	55884	19.753	ug/l	94
45) 1,2-Dichloropropane	9.624	63	64003	20.189	ug/l	98
46) Dibromomethane	9.718	93	41922	19.280	ug/l	93
47) Bromodichloromethane	9.894	83	89653	20.880	ug/l	99
48) Methyl methacrylate	9.688	41	58904	16.317	ug/l #	81
49) 1,4-Dioxane	9.700	88	22700	369.176	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	390509	82.649	ug/l	92
52) Toluene	10.635	92	150181	20.543	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	87299	18.959	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	94817	18.907	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	59540	20.313	ug/l	96
56) Ethyl methacrylate	10.876	69	88247	19.422	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	105865	20.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162533	74.518	ug/l	91
59) 2-Hexanone	11.200	43	273790	80.003	ug/l	90
60) Dibromochloromethane	11.365	129	64002	20.749	ug/l	99
61) 1,2-Dibromoethane	11.476	107	60298	20.243	ug/l	96
64) Tetrachloroethene	11.106	164	44048	19.834	ug/l	94
65) Chlorobenzene	11.894	112	149005	19.767	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	58184	20.424	ug/l	97
67) Ethyl Benzene	11.970	91	257911	18.814	ug/l	94
68) m/p-Xylenes	12.076	106	190386	37.147	ug/l	92
69) o-Xylene	12.406	106	59427	11.919	ug/l	90
70) Styrene	12.417	104	104253	12.540	ug/l	98
71) Bromoform	12.582	173	30650	14.799	ug/l #	97
73) Isopropylbenzene	12.700	105	179682	25.621	ug/l	99
74) N-amyl acetate	12.500	43	63405	17.912	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	46913	18.527	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	35958m	17.743	ug/l	
77) Bromobenzene	12.988	156	32378	19.207	ug/l	96
78) n-propylbenzene	13.041	91	143446	17.639	ug/l	100
79) 2-Chlorotoluene	13.129	91	92952	18.426	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	108403	19.506	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17512	22.075	ug/l #	80
82) 4-Chlorotoluene	13.229	91	84821	17.184	ug/l	99
83) tert-Butylbenzene	13.441	119	94110	20.154	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	105164	19.110	ug/l	98
85) sec-Butylbenzene	13.623	105	123377	19.199	ug/l	98
86) p-Isopropyltoluene	13.735	119	97746	19.038	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	54532	18.800	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	52411	18.052	ug/l	99
89) n-Butylbenzene	14.059	91	73101	17.301	ug/l	98
90) Hexachloroethane	14.341	117	20593	20.009	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	56898	19.725	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7551	14.996	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	17485	17.098	ug/l	99
94) Hexachlorobutadiene	15.505	225	13092	22.478	ug/l	97
95) Naphthalene	15.647	128	45052	13.600	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	20498	18.301	ug/l	97

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

