

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083370.D
 Acq On : 19 Aug 2024 14:14
 Operator : JC\MD
 Sample : VN0819WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 04:44:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129591	56.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.080%			
35) Dibromofluoromethane	8.171	113	96237	54.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.570	98	353604	53.348	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.847	95	135412	52.403	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32436	17.607	ug/l	98
3) Chloromethane	2.359	50	33987	18.020	ug/l	94
4) Vinyl Chloride	2.512	62	35092	18.234	ug/l	95
5) Bromomethane	2.959	94	20728	17.358	ug/l	95
6) Chloroethane	3.118	64	24629	20.455	ug/l	99
7) Trichlorofluoromethane	3.500	101	61473	19.336	ug/l	95
8) Diethyl Ether	3.965	74	22007	18.602	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	34503	19.684	ug/l	98
10) Methyl Iodide	4.589	142	34826	15.104	ug/l	93
11) Tert butyl alcohol	5.530	59	42745	88.951	ug/l	100
12) 1,1-Dichloroethene	4.341	96	32275	17.922	ug/l	93
13) Acrolein	4.177	56	11293	36.058	ug/l	96
14) Allyl chloride	5.024	41	59807	17.574	ug/l	89
15) Acrylonitrile	5.724	53	97877	99.035	ug/l	99
16) Acetone	4.430	43	85624	94.633	ug/l	97
17) Carbon Disulfide	4.718	76	78191	14.839	ug/l	99
18) Methyl Acetate	5.024	43	59002	21.887	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	125513	19.310	ug/l	95
20) Methylene Chloride	5.277	84	37348	17.935	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	33098	17.783	ug/l	94
22) Diisopropyl ether	6.671	45	125566	19.629	ug/l	97
23) Vinyl Acetate	6.606	43	627341m	95.680	ug/l	
24) 1,1-Dichloroethane	6.565	63	70035	20.086	ug/l	95
25) 2-Butanone	7.482	43	134423	96.756	ug/l	94
26) 2,2-Dichloropropane	7.488	77	61621	19.030	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	42567	18.953	ug/l	94
28) Bromochloromethane	7.812	49	27807	19.515	ug/l	90
29) Tetrahydrofuran	7.841	42	87293	97.199	ug/l #	87
30) Chloroform	7.965	83	75639	20.881	ug/l	98
31) Cyclohexane	8.253	56	59209	17.279	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	69922	20.393	ug/l	96
36) 1,1-Dichloropropene	8.371	75	47501	17.672	ug/l	99
37) Ethyl Acetate	7.559	43	54801	18.209	ug/l	96
38) Carbon Tetrachloride	8.359	117	58337	19.269	ug/l	99
39) Methylcyclohexane	9.600	83	54862	16.617	ug/l	100
40) Benzene	8.606	78	154182	19.255	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29307	17.126	ug/l	92
42) 1,2-Dichloroethane	8.671	62	58855	20.177	ug/l	99
43) Isopropyl Acetate	8.688	43	100017	17.725	ug/l #	95
44) Trichloroethene	9.353	130	36588	19.197	ug/l	94
45) 1,2-Dichloropropane	9.623	63	38361	20.182	ug/l	100
46) Dibromomethane	9.706	93	27162	19.965	ug/l	98
47) Bromodichloromethane	9.888	83	60730	19.880	ug/l	99
48) Methyl methacrylate	9.682	41	44290	17.800	ug/l	91
49) 1,4-Dioxane	9.700	88	17487	389.559	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	285593	100.349	ug/l	93
52) Toluene	10.629	92	96572	19.088	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59863	19.077	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	63119	18.911	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	37184	20.508	ug/l	97
56) Ethyl methacrylate	10.876	69	62670	18.335	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	64783	20.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	136029	94.148	ug/l	96
59) 2-Hexanone	11.200	43	213145	96.806	ug/l	93
60) Dibromochloromethane	11.365	129	45859	20.920	ug/l	96
61) 1,2-Dibromoethane	11.470	107	37704	19.795	ug/l	96
64) Tetrachloroethene	11.106	164	31771	19.086	ug/l	91
65) Chlorobenzene	11.894	112	106774	19.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	38674	19.742	ug/l	99
67) Ethyl Benzene	11.965	91	190504	18.696	ug/l	97
68) m/p-Xylenes	12.070	106	141650	37.111	ug/l	98
69) o-Xylene	12.400	106	68572	18.215	ug/l	99
70) Styrene	12.412	104	118040	18.669	ug/l	98
71) Bromoform	12.582	173	28210	19.009	ug/l #	99
73) Isopropylbenzene	12.694	105	183779	18.823	ug/l	99
74) N-amyl acetate	12.494	43	79945	16.740	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	54585	19.767	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	51001m	19.908	ug/l	
77) Bromobenzene	12.982	156	41748	19.249	ug/l	96
78) n-propylbenzene	13.035	91	215301	19.151	ug/l	100
79) 2-Chlorotoluene	13.123	91	132186	18.546	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	155831	19.064	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20629	17.516	ug/l	88
82) 4-Chlorotoluene	13.223	91	133028	18.607	ug/l	98
83) tert-Butylbenzene	13.441	119	134819	18.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	156307	18.975	ug/l	99
85) sec-Butylbenzene	13.617	105	184059	18.634	ug/l	100
86) p-Isopropyltoluene	13.729	119	152949	18.754	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	77562	19.005	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	76574	18.612	ug/l	97
89) n-Butylbenzene	14.059	91	130544	18.473	ug/l	100
90) Hexachloroethane	14.335	117	29820	18.926	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	75859	19.209	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12055	17.990	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	39877	18.024	ug/l	97
94) Hexachlorobutadiene	15.505	225	16689	16.961	ug/l	98
95) Naphthalene	15.641	128	138298	17.647	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	39972	18.259	ug/l	96

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

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