

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083323.D
 Acq On : 15 Aug 2024 11:48
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Quant Time: Aug 16 01:47:49 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2024
 Supervised By : Mahesh Dadoda 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124443	56.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.165	113	90293	53.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.565	98	332332	52.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.847	95	125903	50.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33499	19.038	ug/l	99
3) Chloromethane	2.365	50	35009	19.433	ug/l	95
4) Vinyl Chloride	2.512	62	38671	21.037	ug/l	97
5) Bromomethane	2.959	94	21940	19.235	ug/l	87
6) Chloroethane	3.124	64	24446	21.256	ug/l	95
7) Trichlorofluoromethane	3.495	101	65897	21.700	ug/l	97
8) Diethyl Ether	3.959	74	22848	20.220	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	36548	21.830	ug/l	96
10) Methyl Iodide	4.589	142	36439	16.546	ug/l	96
11) Tert butyl alcohol	5.518	59	41531	90.483	ug/l	96
12) 1,1-Dichloroethene	4.342	96	32496	18.892	ug/l	99
13) Acrolein	4.183	56	24490	81.866	ug/l	98
14) Allyl chloride	5.018	41	56030	17.238	ug/l	93
15) Acrylonitrile	5.718	53	96245	101.956	ug/l	99
16) Acetone	4.430	43	91174	105.497	ug/l	94
17) Carbon Disulfide	4.706	76	83338	16.559	ug/l	100
18) Methyl Acetate	5.030	43	55231	21.450	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	127583	20.550	ug/l	97
20) Methylene Chloride	5.277	84	38759	19.487	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	34771	19.559	ug/l	89
22) Diisopropyl ether	6.677	45	127735	20.906	ug/l	96
23) Vinyl Acetate	6.606	43	618131m	98.701	ug/l	
24) 1,1-Dichloroethane	6.571	63	71210	21.382	ug/l	98
25) 2-Butanone	7.489	43	136976	103.223	ug/l #	89
26) 2,2-Dichloropropane	7.494	77	65079	21.042	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	43955	20.490	ug/l	93
28) Bromochloromethane	7.818	49	30780	22.615	ug/l #	84
29) Tetrahydrofuran	7.841	42	87780	102.330	ug/l	89
30) Chloroform	7.965	83	76151	22.009	ug/l	99
31) Cyclohexane	8.259	56	60198	18.392	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	68708	20.979	ug/l	92
36) 1,1-Dichloropropene	8.371	75	51991	20.235	ug/l	99
37) Ethyl Acetate	7.559	43	54139	18.819	ug/l #	93
38) Carbon Tetrachloride	8.365	117	58637	20.263	ug/l	98
39) Methylcyclohexane	9.600	83	58882	18.659	ug/l	96
40) Benzene	8.606	78	155855	20.362	ug/l	100

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41) Methacrylonitrile	7.777	41	29997	18.339	ug/l	95
42) 1,2-Dichloroethane	8.671	62	58803	21.090	ug/l	98
43) Isopropyl Acetate	8.688	43	96371	17.883	ug/l #	93
44) Trichloroethene	9.353	130	37873	20.788	ug/l	94
45) 1,2-Dichloropropane	9.624	63	38121	20.982	ug/l	97
46) Dibromomethane	9.712	93	27986	21.520	ug/l	99
47) Bromodichloromethane	9.888	83	59664	20.433	ug/l #	98
48) Methyl methacrylate	9.682	41	44204	18.586	ug/l	93
49) 1,4-Dioxane	9.700	88	17126	399.134	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	282784	103.950	ug/l	94
52) Toluene	10.629	92	98980	20.467	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59981	19.998	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	62653	19.639	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	38197	22.039	ug/l	94
56) Ethyl methacrylate	10.877	69	63570	19.457	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	65972	21.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	118838	86.048	ug/l	97
59) 2-Hexanone	11.194	43	213304	101.352	ug/l	94
60) Dibromochloromethane	11.359	129	43147	20.591	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38039	20.893	ug/l	99
64) Tetrachloroethene	11.106	164	31511	19.782	ug/l	97
65) Chlorobenzene	11.894	112	105248	19.801	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37789	20.159	ug/l	100
67) Ethyl Benzene	11.965	91	192072	19.699	ug/l	98
68) m/p-Xylenes	12.071	106	141143	38.643	ug/l	94
69) o-Xylene	12.400	106	70846	19.667	ug/l	98
70) Styrene	12.412	104	120495	19.916	ug/l	98
71) Bromoform	12.576	173	27323	19.240	ug/l #	99
73) Isopropylbenzene	12.694	105	184144	19.966	ug/l	100
74) N-amyl acetate	12.494	43	81585	18.084	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	54287	20.811	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	48903m	20.207	ug/l	
77) Bromobenzene	12.976	156	41888	20.445	ug/l	98
78) n-propylbenzene	13.035	91	214041	20.154	ug/l	99
79) 2-Chlorotoluene	13.123	91	135719	20.157	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	154152	19.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	18092	16.262	ug/l	98
82) 4-Chlorotoluene	13.223	91	135238	20.024	ug/l	97
83) tert-Butylbenzene	13.441	119	134654	19.692	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	154636	19.872	ug/l	100
85) sec-Butylbenzene	13.618	105	184637	19.788	ug/l	100
86) p-Isopropyltoluene	13.729	119	151646	19.684	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	75261	19.522	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76349	19.644	ug/l	97
89) n-Butylbenzene	14.059	91	128632	19.269	ug/l	99
90) Hexachloroethane	14.329	117	27160	18.248	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	73433	19.684	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11740	18.547	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	39727	19.008	ug/l	95
94) Hexachlorobutadiene	15.500	225	16345	17.585	ug/l	98
95) Naphthalene	15.641	128	133754	18.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39024	18.870	ug/l	94

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

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