

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082955.D
 Acq On : 17 Jul 2024 11:44
 Operator : JC\MD
 Sample : VN0717WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 05:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	119233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	92290	55.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	8.165	113	70394	54.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.920%			
50) Toluene-d8	10.571	98	256350	53.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.853	95	81375	47.455	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27034	17.513	ug/l	98
3) Chloromethane	2.359	50	25035	17.101	ug/l	97
4) Vinyl Chloride	2.512	62	23268	15.134	ug/l	100
5) Bromomethane	2.959	94	16546	14.926	ug/l	93
6) Chloroethane	3.118	64	17067	16.221	ug/l	97
7) Trichlorofluoromethane	3.500	101	34276	15.500	ug/l	96
8) Diethyl Ether	3.959	74	10602	14.009	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	23956	19.141	ug/l	98
10) Methyl Iodide	4.589	142	18354	14.304	ug/l	94
11) Tert butyl alcohol	5.518	59	21012	74.744	ug/l	99
12) 1,1-Dichloroethene	4.342	96	20378	16.742	ug/l	87
13) Acrolein	4.194	56	4892	24.103	ug/l	96
14) Allyl chloride	5.018	41	32023	16.874	ug/l	93
15) Acrylonitrile	5.718	53	57616	89.181	ug/l	99
16) Acetone	4.436	43	50846	86.406	ug/l	93
17) Carbon Disulfide	4.706	76	56391	15.504	ug/l	98
18) Methyl Acetate	5.024	43	32145	20.644	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	69513	16.556	ug/l	94
20) Methylene Chloride	5.277	84	25660	18.056	ug/l	85
21) trans-1,2-Dichloroethene	5.788	96	22034	16.707	ug/l	83
22) Diisopropyl ether	6.677	45	75678	19.061	ug/l #	94
23) Vinyl Acetate	6.606	43	276065	87.556	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	46030	19.113	ug/l	99
25) 2-Butanone	7.482	43	77378	87.084	ug/l #	89
26) 2,2-Dichloropropane	7.494	77	41324	18.455	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	27323	17.696	ug/l	90
28) Bromochloromethane	7.812	49	24319	23.538	ug/l #	83
29) Tetrahydrofuran	7.847	42	50632	90.514	ug/l	91
30) Chloroform	7.965	83	48134	18.839	ug/l	96
31) Cyclohexane	8.259	56	36240	16.585	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	43578	18.371	ug/l	94
36) 1,1-Dichloropropene	8.371	75	31018	17.406	ug/l	98
37) Ethyl Acetate	7.565	43	33070	18.228	ug/l	97
38) Carbon Tetrachloride	8.359	117	38463	17.927	ug/l	97
39) Methylcyclohexane	9.606	83	28748	14.935	ug/l	94
40) Benzene	8.606	78	101399	18.499	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17790	18.201	ug/l	96
42) 1,2-Dichloroethane	8.671	62	37173	18.838	ug/l	95
43) Isopropyl Acetate	8.694	43	73521	19.694	ug/l	97
44) Trichloroethene	9.353	130	23845	16.980	ug/l	97
45) 1,2-Dichloropropane	9.624	63	26228	20.495	ug/l	97
46) Dibromomethane	9.706	93	18910	18.968	ug/l	98
47) Bromodichloromethane	9.888	83	39343	19.099	ug/l	99
48) Methyl methacrylate	9.682	41	24360	17.124	ug/l	91
49) 1,4-Dioxane	9.700	88	9409	299.445	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	169187	94.067	ug/l	97
52) Toluene	10.635	92	62828	18.349	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	36309	17.110	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	39463	17.569	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	24187	19.210	ug/l	97
56) Ethyl methacrylate	10.876	69	33970	17.341	ug/l	89
57) 1,3-Dichloropropane	11.165	76	42070	18.876	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	105698	105.154	ug/l	96
59) 2-Hexanone	11.200	43	124732	93.277	ug/l	97
60) Dibromochloromethane	11.359	129	30439	18.981	ug/l	96
61) 1,2-Dibromoethane	11.470	107	24230	18.121	ug/l	94
64) Tetrachloroethene	11.106	164	23242	16.867	ug/l	97
65) Chlorobenzene	11.894	112	68252	17.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	25378	18.027	ug/l	99
67) Ethyl Benzene	11.965	91	108543	16.318	ug/l	97
68) m/p-Xylenes	12.070	106	86215	34.331	ug/l	97
69) o-Xylene	12.400	106	38574	16.031	ug/l	98
70) Styrene	12.412	104	68871	17.322	ug/l	99
71) Bromoform	12.582	173	19643	17.742	ug/l #	99
73) Isopropylbenzene	12.694	105	95857	15.062	ug/l	98
74) N-amyl acetate	12.494	43	44479	16.896	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	33093	17.362	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	31985m	21.182	ug/l	
77) Bromobenzene	12.982	156	27281	16.616	ug/l	96
78) n-propylbenzene	13.035	91	120801	16.509	ug/l	100
79) 2-Chlorotoluene	13.123	91	76593	16.428	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	83445	16.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	12764	16.625	ug/l	93
82) 4-Chlorotoluene	13.223	91	76407	16.557	ug/l	99
83) tert-Butylbenzene	13.441	119	69135	15.159	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	83975	16.016	ug/l	98
85) sec-Butylbenzene	13.617	105	96382	15.639	ug/l	100
86) p-Isopropyltoluene	13.729	119	79072	15.378	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	50712	17.098	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	50521	16.470	ug/l	99
89) n-Butylbenzene	14.059	91	65354	14.835	ug/l	98
90) Hexachloroethane	14.335	117	17866	16.421	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	47760	16.585	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7123	16.153	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	22422	14.455	ug/l	99
94) Hexachlorobutadiene	15.506	225	10000	14.542	ug/l	92
95) Naphthalene	15.641	128	66127	12.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	23198	14.545	ug/l	99

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

