

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082695.D
 Acq On : 24 Jun 2024 11:55
 Operator : JC\MD
 Sample : VN0624WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 02:25:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	266406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147891	53.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.460%			
35) Dibromofluoromethane	8.165	113	102009	52.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	10.571	98	382333	51.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	126193	49.347	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40902	17.062	ug/l	93
3) Chloromethane	2.359	50	48440	16.856	ug/l	95
4) Vinyl Chloride	2.512	62	48426	17.707	ug/l	99
5) Bromomethane	2.953	94	30971	17.592	ug/l	88
6) Chloroethane	3.118	64	33466	17.161	ug/l	96
7) Trichlorofluoromethane	3.495	101	61938	17.359	ug/l	93
8) Diethyl Ether	3.959	74	21865	17.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37458	18.743	ug/l	99
10) Methyl Iodide	4.594	142	30679	16.115	ug/l #	92
11) Tert butyl alcohol	5.530	59	43655	96.903	ug/l	99
12) 1,1-Dichloroethene	4.336	96	33028	17.282	ug/l	88
13) Acrolein	4.183	56	31154	67.886	ug/l	95
14) Allyl chloride	5.024	41	61940	16.572	ug/l	99
15) Acrylonitrile	5.724	53	114614	96.383	ug/l	99
16) Acetone	4.436	43	100371	80.179	ug/l	96
17) Carbon Disulfide	4.712	76	93145	15.347	ug/l	99
18) Methyl Acetate	5.024	43	62762	20.499	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	124344	19.007	ug/l	98
20) Methylene Chloride	5.283	84	41205	18.722	ug/l	85
21) trans-1,2-Dichloroethene	5.788	96	35166	17.314	ug/l	93
22) Diisopropyl ether	6.677	45	147424	18.808	ug/l	98
23) Vinyl Acetate	6.606	43	565553	90.984	ug/l	100
24) 1,1-Dichloroethane	6.571	63	77627	18.281	ug/l	98
25) 2-Butanone	7.488	43	164252	92.311	ug/l	100
26) 2,2-Dichloropropane	7.494	77	65063	17.663	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	42578	17.398	ug/l	99
28) Bromochloromethane	7.818	49	38804	20.024	ug/l	99
29) Tetrahydrofuran	7.841	42	108397	99.514	ug/l	99
30) Chloroform	7.971	83	78780	19.019	ug/l	98
31) Cyclohexane	8.259	56	66144	16.651	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	67450	17.958	ug/l	99
36) 1,1-Dichloropropene	8.371	75	52044	17.750	ug/l	98
37) Ethyl Acetate	7.565	43	69533	18.617	ug/l	99
38) Carbon Tetrachloride	8.365	117	60068	18.178	ug/l	98
39) Methylcyclohexane	9.600	83	51819	16.793	ug/l	96
40) Benzene	8.606	78	164359	18.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35422	18.553	ug/l	96
42) 1,2-Dichloroethane	8.671	62	65565	19.025	ug/l	99
43) Isopropyl Acetate	8.688	43	138797	19.885	ug/l	94
44) Trichloroethene	9.353	130	38183	18.150	ug/l	94
45) 1,2-Dichloropropane	9.624	63	42932	18.410	ug/l	99
46) Dibromomethane	9.712	93	30531	19.314	ug/l	99
47) Bromodichloromethane	9.894	83	63118	18.728	ug/l	98
48) Methyl methacrylate	9.682	41	52862	18.371	ug/l	100
49) 1,4-Dioxane	9.694	88	18389	408.564	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	352305	98.405	ug/l	99
52) Toluene	10.635	92	100077	18.227	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	65042	18.878	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	67655	18.989	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	41155	20.709	ug/l	94
56) Ethyl methacrylate	10.876	69	61473	18.677	ug/l	100
57) 1,3-Dichloropropane	11.165	76	70982	19.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162834	93.521	ug/l	99
59) 2-Hexanone	11.200	43	258031	94.826	ug/l	99
60) Dibromochloromethane	11.359	129	48643	20.052	ug/l	99
61) 1,2-Dibromoethane	11.470	107	40126	19.151	ug/l	100
64) Tetrachloroethene	11.106	164	37410	17.031	ug/l	98
65) Chlorobenzene	11.894	112	110744	18.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40149	18.431	ug/l	98
67) Ethyl Benzene	11.965	91	183530	17.631	ug/l	97
68) m/p-Xylenes	12.076	106	139749	36.086	ug/l	98
69) o-Xylene	12.400	106	66582	18.300	ug/l	96
70) Styrene	12.412	104	113640	18.403	ug/l	98
71) Bromoform	12.576	173	32273	18.739	ug/l #	99
73) Isopropylbenzene	12.700	105	164705	17.253	ug/l	98
74) N-amyl acetate	12.494	43	91510	17.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	59429	19.085	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	54588m	17.753	ug/l	
77) Bromobenzene	12.982	156	44737	18.206	ug/l	99
78) n-propylbenzene	13.041	91	204259	18.088	ug/l	99
79) 2-Chlorotoluene	13.129	91	124399	17.567	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139578	18.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24205	18.833	ug/l	96
82) 4-Chlorotoluene	13.223	91	126788	17.923	ug/l	99
83) tert-Butylbenzene	13.441	119	115103	17.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	145474	18.719	ug/l	98
85) sec-Butylbenzene	13.617	105	168707	18.001	ug/l	100
86) p-Isopropyltoluene	13.735	119	135216	17.916	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	80389	18.043	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	79079	16.981	ug/l	98
89) n-Butylbenzene	14.059	91	114366	17.083	ug/l	99
90) Hexachloroethane	14.335	117	29497	17.963	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	77757	17.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12239	18.571	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	39626	17.274	ug/l	99
94) Hexachlorobutadiene	15.506	225	17899	15.825	ug/l	97
95) Naphthalene	15.647	128	125388	17.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	41048	17.559	ug/l	97

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

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