

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082504.D
 Acq On : 07 Jun 2024 19:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 01:03:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	151092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	244792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128009	53.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	8.171	113	93038	57.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.440%			
50) Toluene-d8	10.570	98	327681	53.026	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.853	95	123378	55.937	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129909	59.636	ug/l	96
3) Chloromethane	2.359	50	142964	57.910	ug/l	100
4) Vinyl Chloride	2.512	62	139885	60.272	ug/l	97
5) Bromomethane	2.942	94	75388	56.512	ug/l	98
6) Chloroethane	3.112	64	97127	64.091	ug/l	97
7) Trichlorofluoromethane	3.489	101	185581	61.064	ug/l	97
8) Diethyl Ether	3.959	74	65045	60.079	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	104072	58.621	ug/l	98
10) Methyl Iodide	4.583	142	113120	63.382	ug/l	98
11) Tert butyl alcohol	5.524	59	117772	307.522	ug/l	99
12) 1,1-Dichloroethene	4.336	96	100022	60.615	ug/l #	75
13) Acrolein	4.183	56	100066	352.599	ug/l	99
14) Allyl chloride	5.024	41	191486	54.201	ug/l #	91
15) Acrylonitrile	5.724	53	328287	330.985	ug/l	100
16) Acetone	4.430	43	294325	300.734	ug/l	93
17) Carbon Disulfide	4.712	76	298637	56.035	ug/l	98
18) Methyl Acetate	5.024	43	165872	68.055	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	368852	61.155	ug/l	97
20) Methylene Chloride	5.271	84	118146	59.832	ug/l #	77
21) trans-1,2-Dichloroethene	5.788	96	108097	60.114	ug/l #	79
22) Diisopropyl ether	6.677	45	448006	60.729	ug/l #	93
23) Vinyl Acetate	6.606	43	1800866	309.623	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	230828	60.706	ug/l	96
25) 2-Butanone	7.488	43	473993	319.435	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	153214	48.107	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	127105	59.894	ug/l	83
28) Bromochloromethane	7.818	49	88685	53.855	ug/l #	74
29) Tetrahydrofuran	7.841	42	323547	339.606	ug/l #	82
30) Chloroform	7.971	83	225077	61.986	ug/l	100
31) Cyclohexane	8.259	56	203375	53.373	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	196354	60.954	ug/l	93
36) 1,1-Dichloropropene	8.377	75	157003	58.079	ug/l	96
37) Ethyl Acetate	7.565	43	197872	65.406	ug/l	94
38) Carbon Tetrachloride	8.365	117	171470	62.573	ug/l	96
39) Methylcyclohexane	9.606	83	167869	56.652	ug/l #	84
40) Benzene	8.606	78	495575	61.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	107946	60.671	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	186904	60.285	ug/l	95
43) Isopropyl Acetate	8.694	43	347750	64.871	ug/l #	88
44) Trichloroethene	9.353	130	109793	59.959	ug/l	91
45) 1,2-Dichloropropane	9.623	63	128629	61.844	ug/l	98
46) Dibromomethane	9.712	93	85091	62.315	ug/l	98
47) Bromodichloromethane	9.888	83	183239	63.565	ug/l	96
48) Methyl methacrylate	9.682	41	163661	64.072	ug/l #	82
49) 1,4-Dioxane	9.700	88	50428	1408.867	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1040389	341.589	ug/l	90
52) Toluene	10.629	92	302176	62.464	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	185439	62.199	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	191980	60.833	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	113146	64.361	ug/l	98
56) Ethyl methacrylate	10.876	69	193556	64.849	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	204105	62.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	459488	298.460	ug/l	90
59) 2-Hexanone	11.200	43	772229	346.275	ug/l	89
60) Dibromochloromethane	11.359	129	132523	68.308	ug/l	98
61) 1,2-Dibromoethane	11.470	107	114383	63.345	ug/l	99
64) Tetrachloroethene	11.106	164	111527	61.468	ug/l	96
65) Chlorobenzene	11.894	112	321466	59.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	114996	64.557	ug/l	99
67) Ethyl Benzene	11.964	91	577513	59.698	ug/l	98
68) m/p-Xylenes	12.076	106	438080	123.559	ug/l	94
69) o-Xylene	12.400	106	210758	61.366	ug/l	92
70) Styrene	12.412	104	370213	64.897	ug/l	97
71) Bromoform	12.582	173	91372	64.291	ug/l #	98
73) Isopropylbenzene	12.700	105	539580	54.574	ug/l	98
74) N-amyl acetate	12.494	43	298265	54.844	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	163690	57.433	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	161995m	61.843	ug/l	
77) Bromobenzene	12.982	156	130260	55.283	ug/l	89
78) n-propylbenzene	13.041	91	648556	55.394	ug/l	96
79) 2-Chlorotoluene	13.129	91	390800	53.156	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	454169	56.809	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	61173	54.623	ug/l #	81
82) 4-Chlorotoluene	13.223	91	394991	54.950	ug/l	95
83) tert-Butylbenzene	13.441	119	375815	53.733	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	461547	56.429	ug/l	97
85) sec-Butylbenzene	13.617	105	534564	55.141	ug/l	98
86) p-Isopropyltoluene	13.729	119	449133	57.006	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	238944	55.975	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	236414	54.263	ug/l	98
89) n-Butylbenzene	14.058	91	386449	54.572	ug/l	98
90) Hexachloroethane	14.335	117	85227	58.385	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	228032	56.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36163	61.756	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	117255	51.769	ug/l	97
94) Hexachlorobutadiene	15.505	225	50122	50.432	ug/l	98
95) Naphthalene	15.641	128	420143	59.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121738	53.690	ug/l	97

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

