

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082752.D
 Acq On : 28 Jun 2024 17:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:15:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	94553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	168008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	158647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72171	49.495	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.980%		
35) Dibromofluoromethane	8.171	113	54137	48.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	10.571	98	210735	50.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.880%		
62) 4-Bromofluorobenzene	12.853	95	73553	51.774	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65705	45.521	ug/l	100
3) Chloromethane	2.359	50	62502	41.371	ug/l	90
4) Vinyl Chloride	2.512	62	75180	46.963	ug/l	98
5) Bromomethane	2.942	94	50716	44.531	ug/l	93
6) Chloroethane	3.112	64	55764	49.387	ug/l	99
7) Trichlorofluoromethane	3.489	101	91962	46.344	ug/l	94
8) Diethyl Ether	3.965	74	31253	50.359	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	53325	47.104	ug/l	97
10) Methyl Iodide	4.583	142	55543	53.508	ug/l	95
11) Tert butyl alcohol	5.536	59	54901	235.716	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48906	46.312	ug/l	92
13) Acrolein	4.183	56	38298	270.297	ug/l	100
14) Allyl chloride	5.024	41	74585	47.008	ug/l #	95
15) Acrylonitrile	5.724	53	148401	239.528	ug/l	99
16) Acetone	4.430	43	118823	215.081	ug/l	95
17) Carbon Disulfide	4.712	76	150403	43.487	ug/l	99
18) Methyl Acetate	5.030	43	64862	44.164	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	175368	50.086	ug/l	98
20) Methylene Chloride	5.277	84	60741	43.450	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	53882	47.285	ug/l	88
22) Diisopropyl ether	6.671	45	185677	50.301	ug/l #	94
23) Vinyl Acetate	6.606	43	753315	255.597	ug/l	96
24) 1,1-Dichloroethane	6.571	63	107648	48.035	ug/l	98
25) 2-Butanone	7.488	43	201684	238.952	ug/l	97
26) 2,2-Dichloropropane	7.494	77	86409	60.099	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	66006	49.230	ug/l	90
28) Bromochloromethane	7.812	49	44017	44.907	ug/l	87
29) Tetrahydrofuran	7.841	42	133631	245.529	ug/l #	87
30) Chloroform	7.965	83	112281	46.995	ug/l	98
31) Cyclohexane	8.259	56	92511	45.028	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	99932	47.373	ug/l	99
36) 1,1-Dichloropropene	8.371	75	78929	49.643	ug/l	98
37) Ethyl Acetate	7.565	43	84095	48.938	ug/l	96
38) Carbon Tetrachloride	8.365	117	88528	47.608	ug/l	98
39) Methylcyclohexane	9.606	83	87867	53.229	ug/l	91
40) Benzene	8.606	78	250417	48.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42620	48.101	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	88078	47.026	ug/l	96
43) Isopropyl Acetate	8.688	43	143983	48.011	ug/l #	94
44) Trichloroethene	9.353	130	56025	46.264	ug/l	100
45) 1,2-Dichloropropane	9.624	63	60606	47.944	ug/l	99
46) Dibromomethane	9.712	93	43871	47.513	ug/l	99
47) Bromodichloromethane	9.888	83	92232	49.021	ug/l	98
48) Methyl methacrylate	9.682	41	65272	49.357	ug/l #	87
49) 1,4-Dioxane	9.694	88	27242	1032.200	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	441874	251.405	ug/l	93
52) Toluene	10.635	92	159440	52.058	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	93691	52.651	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	97183	51.946	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	58885	49.583	ug/l	97
56) Ethyl methacrylate	10.876	69	96127	53.818	ug/l	87
57) 1,3-Dichloropropane	11.165	76	104013	49.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	226652	251.875	ug/l	97
59) 2-Hexanone	11.200	43	335222	257.222	ug/l	93
60) Dibromochloromethane	11.365	129	70432	48.900	ug/l	99
61) 1,2-Dibromoethane	11.470	107	59655	47.809	ug/l	96
64) Tetrachloroethene	11.106	164	54640	45.976	ug/l	95
65) Chlorobenzene	11.894	112	171737	48.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	61342	49.599	ug/l	100
67) Ethyl Benzene	11.965	91	305097	51.947	ug/l	99
68) m/p-Xylenes	12.070	106	234448	107.283	ug/l	99
69) o-Xylene	12.400	106	111800	53.085	ug/l	96
70) Styrene	12.412	104	194496	54.397	ug/l	98
71) Bromoform	12.582	173	48185	49.819	ug/l #	99
73) Isopropylbenzene	12.700	105	285266	49.983	ug/l	99
74) N-amyl acetate	12.494	43	127627	50.101	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	87386	43.640	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	81038m	47.475	ug/l	
77) Bromobenzene	12.982	156	66930	47.189	ug/l	98
78) n-propylbenzene	13.035	91	344046	51.052	ug/l	100
79) 2-Chlorotoluene	13.129	91	206558	48.907	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	240650	51.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	35262	53.874	ug/l	91
82) 4-Chlorotoluene	13.223	91	205970	49.422	ug/l	98
83) tert-Butylbenzene	13.441	119	203218	51.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	246200	53.130	ug/l	97
85) sec-Butylbenzene	13.617	105	294101	53.199	ug/l	98
86) p-Isopropyltoluene	13.729	119	241424	54.506	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128416	47.283	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	128626	45.503	ug/l	98
89) n-Butylbenzene	14.059	91	203860	51.976	ug/l	99
90) Hexachloroethane	14.335	117	47006	47.794	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	122865	47.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18667	49.480	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	60833	48.311	ug/l	99
94) Hexachlorobutadiene	15.500	225	23426	41.129	ug/l	98
95) Naphthalene	15.641	128	216132	51.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	61823	46.038	ug/l	99

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

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