

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082790.D
 Acq On : 02 Jul 2024 16:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 03 00:33:05 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Mahesh Dadoda 07/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	222953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99862	44.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.040%		
35) Dibromofluoromethane	8.171	113	78420	49.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	10.571	98	286759	48.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.853	95	109037	53.605	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	107.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94661	42.633	ug/l	98
3) Chloromethane	2.359	50	81216	34.947	ug/l	97
4) Vinyl Chloride	2.512	62	89078	36.173	ug/l	99
5) Bromomethane	2.948	94	59695	34.073	ug/l	94
6) Chloroethane	3.118	64	60796	35.002	ug/l	98
7) Trichlorofluoromethane	3.495	101	140057	45.883	ug/l	97
8) Diethyl Ether	3.959	74	48786	51.102	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	80156	46.028	ug/l	98
10) Methyl Iodide	4.589	142	83948	52.573	ug/l	97
11) Tert butyl alcohol	5.524	59	81680	227.974	ug/l	100
12) 1,1-Dichloroethene	4.342	96	75305	46.358	ug/l	80
13) Acrolein	4.177	56	58162	266.850	ug/l	99
14) Allyl chloride	5.024	41	108978	44.650	ug/l #	95
15) Acrylonitrile	5.718	53	199036	208.840	ug/l	98
16) Acetone	4.424	43	164047	193.033	ug/l	98
17) Carbon Disulfide	4.712	76	185844	34.931	ug/l	98
18) Methyl Acetate	5.024	43	90921	40.244	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	266315	49.446	ug/l	96
20) Methylene Chloride	5.271	84	83097	38.642	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	76406	43.588	ug/l	90
22) Diisopropyl ether	6.671	45	254473	44.815	ug/l #	94
23) Vinyl Acetate	6.606	43	1034645	228.209	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	148566	43.096	ug/l	98
25) 2-Butanone	7.483	43	268092	206.483	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	138554	62.645	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	97136	47.097	ug/l	89
28) Bromochloromethane	7.812	49	57258	37.974	ug/l #	79
29) Tetrahydrofuran	7.841	42	174188	208.054	ug/l #	83
30) Chloroform	7.965	83	159459	43.387	ug/l	99
31) Cyclohexane	8.259	56	123542	39.090	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	147976	45.602	ug/l	96
36) 1,1-Dichloropropene	8.371	75	111663	49.051	ug/l	98
37) Ethyl Acetate	7.559	43	109947	44.687	ug/l #	96
38) Carbon Tetrachloride	8.365	117	131395	49.351	ug/l	99
39) Methylcyclohexane	9.606	83	120715	51.075	ug/l	90
40) Benzene	8.606	78	336915	45.115	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	60218	47.466	ug/l #	92
42) 1,2-Dichloroethane	8.671	62	123415	46.021	ug/l	97
43) Isopropyl Acetate	8.694	43	208145	48.464	ug/l #	94
44) Trichloroethene	9.353	130	87194	50.289	ug/l	100
45) 1,2-Dichloropropane	9.624	63	83166	45.950	ug/l	99
46) Dibromomethane	9.712	93	62458	47.244	ug/l	98
47) Bromodichloromethane	9.888	83	130869	48.580	ug/l	98
48) Methyl methacrylate	9.682	41	91638	48.397	ug/l #	88
49) 1,4-Dioxane	9.700	88	37148	983.059	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	582273	231.378	ug/l	93
52) Toluene	10.629	92	223076	50.870	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	140034	54.961	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	143117	53.428	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	82748	48.664	ug/l	91
56) Ethyl methacrylate	10.876	69	141473	55.319	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	142143	47.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	319539	248.010	ug/l	95
59) 2-Hexanone	11.194	43	436022	233.670	ug/l	91
60) Dibromochloromethane	11.359	129	104931	50.882	ug/l	98
61) 1,2-Dibromoethane	11.471	107	86977	48.684	ug/l	99
64) Tetrachloroethene	11.106	164	82616	49.466	ug/l	97
65) Chlorobenzene	11.894	112	247711	49.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	88899	51.149	ug/l	100
67) Ethyl Benzene	11.965	91	431846	52.321	ug/l	96
68) m/p-Xylenes	12.070	106	334855	109.034	ug/l	97
69) o-Xylene	12.400	106	161577	54.592	ug/l	96
70) Styrene	12.412	104	279096	55.544	ug/l	98
71) Bromoform	12.582	173	72743	53.517	ug/l #	98
73) Isopropylbenzene	12.694	105	414363	53.574	ug/l	98
74) N-amyl acetate	12.494	43	176745	51.199	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	117529	43.310	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111222m	48.082	ug/l	
77) Bromobenzene	12.982	156	102950	53.561	ug/l	92
78) n-propylbenzene	13.041	91	476339	52.158	ug/l	98
79) 2-Chlorotoluene	13.129	91	291474	50.926	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	341074	53.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	48450	54.623	ug/l	99
82) 4-Chlorotoluene	13.223	91	293647	51.993	ug/l	98
83) tert-Butylbenzene	13.441	119	286940	53.665	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	342427	54.528	ug/l	99
85) sec-Butylbenzene	13.617	105	405595	54.138	ug/l	99
86) p-Isopropyltoluene	13.729	119	342199	57.010	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	186416	50.650	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	182617	47.671	ug/l	100
89) n-Butylbenzene	14.059	91	291054	54.758	ug/l	98
90) Hexachloroethane	14.335	117	64792	48.613	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	178703	51.124	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26093	51.037	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	99476	58.295	ug/l	99
94) Hexachlorobutadiene	15.506	225	40733	52.772	ug/l	96
95) Naphthalene	15.641	128	349849	61.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99169	54.495	ug/l	98

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

