

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
 Data File : VN082733.D
 Acq On : 27 Jun 2024 22:01
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 05:41:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 05:38:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	106367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	187234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79365	48.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.171	113	60689	49.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.460%		
50) Toluene-d8	10.570	98	231285	50.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.853	95	81502	45.379	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85649	52.748	ug/l	96
3) Chloromethane	2.359	50	78180	46.001	ug/l	94
4) Vinyl Chloride	2.512	62	88704	49.257	ug/l	99
5) Bromomethane	2.942	94	60574	47.279	ug/l	96
6) Chloroethane	3.112	64	61518	48.432	ug/l	99
7) Trichlorofluoromethane	3.494	101	110068	49.308	ug/l	99
8) Diethyl Ether	3.959	74	37599	53.855	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	63393	49.778	ug/l	98
10) Methyl Iodide	4.589	142	64663	55.375	ug/l	99
11) Tert butyl alcohol	5.536	59	65617	250.434	ug/l	99
12) 1,1-Dichloroethene	4.336	96	60540	50.962	ug/l	86
13) Acrolein	4.183	56	45540	271.709	ug/l	97
14) Allyl chloride	5.024	41	89902	50.368	ug/l #	96
15) Acrylonitrile	5.718	53	178129	255.578	ug/l	99
16) Acetone	4.430	43	149161	240.008	ug/l	95
17) Carbon Disulfide	4.712	76	184889	47.520	ug/l	99
18) Methyl Acetate	5.030	43	79555	48.152	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	205842	52.260	ug/l	99
20) Methylene Chloride	5.277	84	70039	50.916	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	64248	50.120	ug/l	93
22) Diisopropyl ether	6.677	45	220392	53.074	ug/l	98
23) Vinyl Acetate	6.606	43	889003	268.133	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	125354	49.723	ug/l	97
25) 2-Butanone	7.482	43	240360	252.193	ug/l	92
26) 2,2-Dichloropropane	7.494	77	82625	51.084	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	76988	51.044	ug/l	88
28) Bromochloromethane	7.818	49	48731	44.194	ug/l	87
29) Tetrahydrofuran	7.841	42	160798	262.630	ug/l	88
30) Chloroform	7.965	83	129933	48.343	ug/l	98
31) Cyclohexane	8.259	56	109973	47.582	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	115720	48.765	ug/l	98
36) 1,1-Dichloropropene	8.371	75	93072	52.528	ug/l	99
37) Ethyl Acetate	7.565	43	101063	52.773	ug/l	96
38) Carbon Tetrachloride	8.365	117	102535	49.478	ug/l	95
39) Methylcyclohexane	9.606	83	99389	54.027	ug/l	91
40) Benzene	8.606	78	292088	50.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51666	52.322	ug/l	91
42) 1,2-Dichloroethane	8.671	62	100596	48.195	ug/l	98
43) Isopropyl Acetate	8.694	43	167463	48.934	ug/l #	94
44) Trichloroethene	9.353	130	66350	49.164	ug/l	95
45) 1,2-Dichloropropane	9.623	63	71129	50.491	ug/l	93
46) Dibromomethane	9.712	93	50682	49.254	ug/l	98
47) Bromodichloromethane	9.888	83	106103	50.603	ug/l	96
48) Methyl methacrylate	9.682	41	76629	51.995	ug/l #	88
49) 1,4-Dioxane	9.700	88	32386	1101.102	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	521449	266.215	ug/l	95
52) Toluene	10.635	92	181362	53.135	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	105167	53.031	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	109428	52.485	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	67142	50.730	ug/l	98
56) Ethyl methacrylate	10.876	69	113011	47.778	ug/l	87
57) 1,3-Dichloropropane	11.165	76	118653	51.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	270748	269.983	ug/l	98
59) 2-Hexanone	11.200	43	395446	272.275	ug/l	93
60) Dibromochloromethane	11.359	129	82556	51.432	ug/l	98
61) 1,2-Dibromoethane	11.470	107	70331	50.577	ug/l	99
64) Tetrachloroethene	11.106	164	65564	50.336	ug/l	96
65) Chlorobenzene	11.894	112	196788	50.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	69832	51.518	ug/l	99
67) Ethyl Benzene	11.965	91	347438	53.975	ug/l	98
68) m/p-Xylenes	12.070	106	273361	98.169	ug/l	96
69) o-Xylene	12.400	106	128456	55.651	ug/l	94
70) Styrene	12.412	104	225813	48.374	ug/l	98
71) Bromoform	12.582	173	56970	53.742	ug/l #	99
73) Isopropylbenzene	12.700	105	328871	51.565	ug/l	99
74) N-amyl acetate	12.494	43	148534	52.178	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	99340	44.394	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	79920m	49.243	ug/l	
77) Bromobenzene	12.982	156	79805	50.351	ug/l	98
78) n-propylbenzene	13.035	91	394412	52.373	ug/l	98
79) 2-Chlorotoluene	13.129	91	235270	49.849	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	277417	52.950	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	41957	57.363	ug/l #	82
82) 4-Chlorotoluene	13.223	91	238084	51.121	ug/l	98
83) tert-Butylbenzene	13.441	119	232502	50.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	282813	54.614	ug/l	98
85) sec-Butylbenzene	13.617	105	335134	54.247	ug/l	100
86) p-Isopropyltoluene	13.729	119	271770	47.964	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	146342	48.218	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	148730	47.083	ug/l	99
89) n-Butylbenzene	14.059	91	219741	50.135	ug/l	100
90) Hexachloroethane	14.335	117	50259	45.729	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	132825	46.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19231	45.616	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	72174	51.291	ug/l	100
94) Hexachlorobutadiene	15.505	225	29892	46.964	ug/l	96
95) Naphthalene	15.641	128	259525	55.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74922	49.927	ug/l	97

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

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