

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073281.D
 Acq On : 01 Jul 2022 08:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 16:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2022
 Supervised By : Mahesh Dadoda 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	277967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	469450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	426127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	201866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	187620	46.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.520%		
35) Dibromofluoromethane	7.946	113	150691	48.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.375	98	531211	47.887	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.669	95	217531	51.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	200213	49.266	ug/l	97
3) Chloromethane	2.269	50	184314	46.716	ug/l	98
4) Vinyl Chloride	2.411	62	156941	46.816	ug/l	99
5) Bromomethane	2.787	94	63587	40.159	ug/l	99
6) Chloroethane	2.958	64	94237	47.787	ug/l	98
7) Trichlorofluoromethane	3.316	101	274830	47.420	ug/l	98
8) Diethyl Ether	3.763	74	112005	47.475	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	162229	47.373	ug/l	98
10) Methyl Iodide	4.352	142	147563	35.827	ug/l	95
11) Tert butyl alcohol	5.281	59	204199	210.066	ug/l	99
12) 1,1-Dichloroethene	4.116	96	152494	46.603	ug/l	97
13) Acrolein	3.975	56	127684	207.814	ug/l	95
14) Allyl chloride	4.758	41	318855	46.255	ug/l #	95
15) Acrylonitrile	5.469	53	583441	233.156	ug/l	100
16) Acetone	4.216	43	517180	229.610	ug/l	96
17) Carbon Disulfide	4.458	76	387826	45.708	ug/l	98
18) Methyl Acetate	4.769	43	286941	45.459	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	569739	47.773	ug/l	99
20) Methylene Chloride	5.010	84	183297	46.305	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	159388	46.617	ug/l	94
22) Diisopropyl ether	6.404	45	621523	48.318	ug/l	96
23) Vinyl Acetate	6.346	43	2800936	243.206	ug/l #	93
24) 1,1-Dichloroethane	6.299	63	316202	47.502	ug/l	99
25) 2-Butanone	7.251	43	827241	230.679	ug/l	91
26) 2,2-Dichloropropane	7.246	77	290214	47.140	ug/l	98
27) cis-1,2-Dichloroethene	7.246	96	194854	47.060	ug/l	96
28) Bromochloromethane	7.581	49	146309	52.481	ug/l	83
29) Tetrahydrofuran	7.604	42	546196	222.439	ug/l	87
30) Chloroform	7.740	83	324052	48.334	ug/l	98
31) Cyclohexane	8.022	56	294150	44.759	ug/l	90
32) 1,1,1-Trichloroethane	7.940	97	287993	48.201	ug/l	99
36) 1,1-Dichloropropene	8.146	75	237687	49.458	ug/l	98
37) Ethyl Acetate	7.334	43	329098	45.321	ug/l	96
38) Carbon Tetrachloride	8.134	117	242543	48.803	ug/l	100
39) Methylcyclohexane	9.393	83	298263	49.850	ug/l	95
40) Benzene	8.387	78	705586	47.573	ug/l	100

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 Quant Title : SW846 8260
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Reviewed By : Semsettin Yesilyurt 07/05/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	168447	47.831	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	263523	49.015	ug/l	98
43) Isopropyl Acetate	8.487	43	511666	49.029	ug/l	93
44) Trichloroethene	9.145	130	182399	48.326	ug/l	95
45) 1,2-Dichloropropane	9.422	63	184121	48.705	ug/l	98
46) Dibromomethane	9.510	93	123733	48.206	ug/l	93
47) Bromodichloromethane	9.693	83	254847	51.263	ug/l	98
48) Methyl methacrylate	9.493	41	232868	48.192	ug/l	92
49) 1,4-Dioxane	9.504	88	81234	885.575	ug/l #	90
51) 4-Methyl-2-Pentanone	10.263	43	1599709	241.718	ug/l	90
52) Toluene	10.440	92	445060	48.556	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	284086	51.909	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	303097	51.300	ug/l #	90
55) 1,1,2-Trichloroethane	10.834	97	180117	47.733	ug/l	97
56) Ethyl methacrylate	10.698	69	307360	50.394	ug/l	86
57) 1,3-Dichloropropane	10.981	76	312577	48.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	694410	255.289	ug/l	95
59) 2-Hexanone	11.022	43	1215005	240.844	ug/l	89
60) Dibromochloromethane	11.175	129	185145	51.462	ug/l	99
61) 1,2-Dibromoethane	11.281	107	188223	49.939	ug/l	100
64) Tetrachloroethene	10.910	164	157869	45.369	ug/l	97
65) Chlorobenzene	11.704	112	461705	47.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.781	131	170551	48.113	ug/l	98
67) Ethyl Benzene	11.781	91	865283	49.455	ug/l	98
68) m/p-Xylenes	11.892	106	657601	99.589	ug/l	97
69) o-Xylene	12.216	106	323873	48.046	ug/l	96
70) Styrene	12.234	104	535597	51.463	ug/l	98
71) Bromoform	12.392	173	136964	52.804	ug/l #	99
73) Isopropylbenzene	12.516	105	850989	48.818	ug/l	99
74) N-amyl acetate	12.328	43	416685	47.738	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	270625	46.784	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	227422m	43.086	ug/l	
77) Bromobenzene	12.792	156	195379	48.207	ug/l	89
78) n-propylbenzene	12.857	91	997567	51.513	ug/l	98
79) 2-Chlorotoluene	12.945	91	597310	48.734	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	706540	49.727	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	97299	50.553	ug/l	94
82) 4-Chlorotoluene	13.039	91	584267	49.239	ug/l	97
83) tert-Butylbenzene	13.257	119	623534	48.950	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	711473	50.154	ug/l	97
85) sec-Butylbenzene	13.439	105	883592	51.658	ug/l	99
86) p-Isopropyltoluene	13.551	119	719663	52.084	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	353201	48.577	ug/l	99
88) 1,4-Dichlorobenzene	13.628	146	355615	48.814	ug/l	99
89) n-Butylbenzene	13.880	91	632522	54.936	ug/l	99
90) Hexachloroethane	14.145	117	132901	51.611	ug/l	87
91) 1,2-Dichlorobenzene	13.922	146	353698	47.754	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65457	46.557	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	200246	51.923	ug/l	99
94) Hexachlorobutadiene	15.298	225	87092	50.800	ug/l	99
95) Naphthalene	15.433	128	722812	46.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.622	180	196364	49.359	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

