

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073278.D
 Acq On : 30 Jun 2022 20:17
 Operator : JC\MD
 Sample : N3554-12MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-03-40MSD

Quant Time: Jul 01 08:10:34 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 :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	262830	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	460514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	422670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	200356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186159	49.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	7.951	113	149803	48.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	10.380	98	519844	47.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.540%		
62) 4-Bromofluorobenzene	12.668	95	209424	50.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	183395	47.727	ug/l	99
3) Chloromethane	2.269	50	169407	45.410	ug/l	100
4) Vinyl Chloride	2.404	62	145653	45.951	ug/l	99
5) Bromomethane	2.793	94	57476	38.390	ug/l	95
6) Chloroethane	2.963	64	90653	48.617	ug/l	92
7) Trichlorofluoromethane	3.310	101	259873	47.422	ug/l	99
8) Diethyl Ether	3.769	74	110862	49.696	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.140	101	144771	44.710	ug/l	99
10) Methyl Iodide	4.351	142	136584	35.056	ug/l	95
11) Tert butyl alcohol	5.292	59	240980	262.181	ug/l	100
12) 1,1-Dichloroethene	4.116	96	148795	48.091	ug/l	100
13) Acrolein	3.981	56	129277	222.525	ug/l	97
14) Allyl chloride	4.757	41	309071	47.418	ug/l #	94
15) Acrylonitrile	5.475	53	603163	254.919	ug/l	99
16) Acetone	4.222	43	544090	255.469	ug/l	97
17) Carbon Disulfide	4.457	76	382030	47.618	ug/l	98
18) Methyl Acetate	4.775	43	283402	47.484	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	559849	49.647	ug/l	100
20) Methylene Chloride	5.010	84	174202	46.542	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	154996	47.943	ug/l	97
22) Diisopropyl ether	6.416	45	611723	50.295	ug/l	95
23) Vinyl Acetate	6.351	43	2653953	243.715	ug/l	94
24) 1,1-Dichloroethane	6.304	63	313110	49.746	ug/l	99
25) 2-Butanone	7.257	43	882794	260.348	ug/l	89
26) 2,2-Dichloropropane	7.251	77	225653	38.764	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	188016	48.024	ug/l	97
28) Bromochloromethane	7.580	49	142559	54.081	ug/l	84
29) Tetrahydrofuran	7.610	42	592854	255.346	ug/l	88
30) Chloroform	7.745	83	311229	49.095	ug/l	98
31) Cyclohexane	8.022	56	272336	43.826	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	279372	49.451	ug/l	100
36) 1,1-Dichloropropene	8.151	75	222738	47.247	ug/l	99
37) Ethyl Acetate	7.339	43	345915	48.561	ug/l	94
38) Carbon Tetrachloride	8.133	117	233388	47.872	ug/l	97
39) Methylcyclohexane	9.392	83	256777	43.749	ug/l	97
40) Benzene	8.392	78	695760	47.821	ug/l	98

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41) Methacrylonitrile	7.569	41	174482	50.506	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	256896	48.710	ug/l	98
43) Isopropyl Acetate	8.492	43	504128	49.244	ug/l	94
44) Trichloroethene	9.151	130	173475	46.853	ug/l	95
45) 1,2-Dichloropropane	9.427	63	178389	48.105	ug/l	100
46) Dibromomethane	9.516	93	122681	48.723	ug/l	92
47) Bromodichloromethane	9.698	83	247412	50.733	ug/l	99
48) Methyl methacrylate	9.498	41	237465	50.097	ug/l	90
49) 1,4-Dioxane	9.504	88	92832	1031.649	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1687337	259.906	ug/l	91
52) Toluene	10.439	92	428956	47.707	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	268242	49.965	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	284379	49.065	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	178128	48.122	ug/l	97
56) Ethyl methacrylate	10.698	69	311382	52.044	ug/l #	87
57) 1,3-Dichloropropane	10.986	76	309335	48.748	ug/l	98
59) 2-Hexanone	11.021	43	1318565	266.444	ug/l	89
60) Dibromochloromethane	11.180	129	184126	52.172	ug/l	100
61) 1,2-Dibromoethane	11.286	107	186672	50.488	ug/l	99
64) Tetrachloroethene	10.916	164	152274	44.119	ug/l	97
65) Chlorobenzene	11.710	112	452563	47.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	171482	48.771	ug/l	98
67) Ethyl Benzene	11.780	91	831747	47.927	ug/l	99
68) m/p-Xylenes	11.892	106	620787	94.783	ug/l	94
69) o-Xylene	12.221	106	313017	46.815	ug/l	94
70) Styrene	12.233	104	511949	49.593	ug/l	99
71) Bromoform	12.398	173	137524	53.453	ug/l #	99
73) Isopropylbenzene	12.515	105	815043	47.108	ug/l	98
74) N-amyl acetate	12.327	43	411415	47.489	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	277192	48.280	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	243213m	46.424	ug/l	
77) Bromobenzene	12.798	156	189271	47.052	ug/l	86
78) n-propylbenzene	12.857	91	932116	48.496	ug/l	97
79) 2-Chlorotoluene	12.945	91	567405	46.643	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	661613	46.916	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	94960	49.710	ug/l	96
82) 4-Chlorotoluene	13.045	91	550484	46.742	ug/l	97
83) tert-Butylbenzene	13.262	119	589915	46.660	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	669611	47.559	ug/l	97
85) sec-Butylbenzene	13.439	105	812230	47.844	ug/l	98
86) p-Isopropyltoluene	13.551	119	661685	48.249	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	336603	46.643	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	338019	46.749	ug/l	98
89) n-Butylbenzene	13.880	91	553167	48.406	ug/l	99
90) Hexachloroethane	14.145	117	126019	49.308	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	353100	48.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	72219	51.753	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	191968	50.152	ug/l	96
94) Hexachlorobutadiene	15.298	225	74891	44.013	ug/l	98
95) Naphthalene	15.433	128	803091	52.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	195536	49.521	ug/l	96

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

