

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073430.D
 Acq On : 12 Jul 2022 12:21
 Operator : JC\MD
 Sample : VN0712WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Quant Time: Jul 13 06:16:59 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 : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	210226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	362665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	324900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	157447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	160170	52.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	7.945	113	127222	52.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.460%			
50) Toluene-d8	10.375	98	428775	50.034	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.060%			
62) 4-Bromofluorobenzene	12.669	95	168690	51.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60433	19.662	ug/l	99
3) Chloromethane	2.269	50	55092	18.463	ug/l	99
4) Vinyl Chloride	2.405	62	48306	19.053	ug/l	99
5) Bromomethane	2.810	94	23063	19.259	ug/l	91
6) Chloroethane	2.963	64	30168	20.228	ug/l	97
7) Trichlorofluoromethane	3.316	101	91055	20.774	ug/l	95
8) Diethyl Ether	3.769	74	37582	21.063	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.140	101	54414	21.010	ug/l	97
10) Methyl Iodide	4.351	142	46685	16.206	ug/l #	89
11) Tert butyl alcohol	5.287	59	71753	97.600	ug/l	100
12) 1,1-Dichloroethene	4.116	96	47821	19.323	ug/l	95
13) Acrolein	3.975	56	36366	78.260	ug/l	99
14) Allyl chloride	4.763	41	103879	19.925	ug/l #	92
15) Acrylonitrile	5.475	53	211704	111.863	ug/l	99
16) Acetone	4.216	43	190670	111.928	ug/l	93
17) Carbon Disulfide	4.457	76	110692	17.250	ug/l	97
18) Methyl Acetate	4.781	43	113140	23.700	ug/l #	90
19) Methyl tert-butyl Ether	5.534	73	191622	21.245	ug/l	99
20) Methylene Chloride	5.004	84	60913	20.347	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	50116	19.381	ug/l	92
22) Diisopropyl ether	6.410	45	220934	22.710	ug/l	95
23) Vinyl Acetate	6.351	43	907247	104.160	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	108906	21.632	ug/l	97
25) 2-Butanone	7.257	43	302690	111.604	ug/l	90
26) 2,2-Dichloropropane	7.245	77	86974	18.679	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	63331	20.224	ug/l	92
28) Bromochloromethane	7.581	49	50855	24.120	ug/l #	76
29) Tetrahydrofuran	7.610	42	211269	113.764	ug/l #	84
30) Chloroform	7.745	83	109488	21.593	ug/l	100
31) Cyclohexane	8.022	56	96882	19.492	ug/l	91
32) 1,1,1-Trichloroethane	7.934	97	93580	20.709	ug/l	99
36) 1,1-Dichloropropene	8.145	75	76219	20.529	ug/l	96
37) Ethyl Acetate	7.334	43	117882	21.014	ug/l	95
38) Carbon Tetrachloride	8.134	117	75704	19.718	ug/l	98
39) Methylcyclohexane	9.392	83	87380	18.904	ug/l	93
40) Benzene	8.387	78	240709	21.008	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	55736	20.486	ug/l	89
42) 1,2-Dichloroethane	8.463	62	90867	21.878	ug/l	97
43) Isopropyl Acetate	8.492	43	174681	21.667	ug/l #	93
44) Trichloroethene	9.151	130	56880	19.507	ug/l	94
45) 1,2-Dichloropropane	9.422	63	63798	21.846	ug/l	98
46) Dibromomethane	9.510	93	41229	20.792	ug/l	92
47) Bromodichloromethane	9.698	83	83882	21.841	ug/l	98
48) Methyl methacrylate	9.492	41	74105	19.852	ug/l	90
49) 1,4-Dioxane	9.504	88	30209	426.293	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	591013	115.598	ug/l	90
52) Toluene	10.439	92	144412	20.394	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	84309	19.941	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	92943	20.363	ug/l #	87
55) 1,1,2-Trichloroethane	10.833	97	60940	20.905	ug/l	96
56) Ethyl methacrylate	10.698	69	94723	20.104	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	104256	20.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	219030	104.233	ug/l	93
59) 2-Hexanone	11.022	43	440424	113.009	ug/l	87
60) Dibromochloromethane	11.175	129	59775	21.507	ug/l	100
61) 1,2-Dibromoethane	11.286	107	60960	20.936	ug/l	98
64) Tetrachloroethene	10.916	164	54615	20.586	ug/l	93
65) Chlorobenzene	11.710	112	150398	20.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	55657	20.593	ug/l	97
67) Ethyl Benzene	11.780	91	273717	20.518	ug/l	96
68) m/p-Xylenes	11.892	106	205792	40.876	ug/l	94
69) o-Xylene	12.222	106	102303	19.905	ug/l	95
70) Styrene	12.233	104	164538	20.735	ug/l	97
71) Bromoform	12.398	173	40730	20.595	ug/l #	99
73) Isopropylbenzene	12.516	105	265501	19.528	ug/l	99
74) N-amyl acetate	12.327	43	123129	18.086	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	93058	20.626	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	90769m	22.048	ug/l	
77) Bromobenzene	12.798	156	57469	18.180	ug/l	77
78) n-propylbenzene	12.857	91	305053	20.196	ug/l	98
79) 2-Chlorotoluene	12.945	91	192674	20.155	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	227096	20.492	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	27322	18.200	ug/l	89
82) 4-Chlorotoluene	13.039	91	184242	19.908	ug/l	97
83) tert-Butylbenzene	13.263	119	194069	19.533	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	220288	19.910	ug/l	97
85) sec-Butylbenzene	13.439	105	273036	20.466	ug/l	98
86) p-Isopropyltoluene	13.551	119	218437	20.269	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	109885	19.377	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	110872	19.513	ug/l	97
89) n-Butylbenzene	13.880	91	175539	19.547	ug/l	96
90) Hexachloroethane	14.151	117	39340	19.588	ug/l	82
91) 1,2-Dichlorobenzene	13.927	146	114180	19.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22094	20.148	ug/l	83
93) 1,2,4-Trichlorobenzene	15.192	180	55589	18.481	ug/l	98
94) Hexachlorobutadiene	15.298	225	25729	19.242	ug/l	99
95) Naphthalene	15.433	128	203812	16.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	57428	18.508	ug/l	98

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

