

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074232.D
 Acq On : 01 Sep 2022 10:45
 Operator : JC\MD
 Sample : VN0901WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 16:14:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	197131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	354923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	321623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	144530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	153981	50.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.700%
35) Dibromofluoromethane	7.951	113	110941	48.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	10.380	98	452121	49.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.669	95	143554	51.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	33491	16.419	ug/l	97
3) Chloromethane	2.269	50	64592	22.482	ug/l	97
4) Vinyl Chloride	2.410	62	61081	21.395	ug/l	99
5) Bromomethane	2.787	94	37480	24.013	ug/l	82
6) Chloroethane	2.957	64	42941	21.595	ug/l	93
7) Trichlorofluoromethane	3.310	101	72678	16.653	ug/l	84
8) Diethyl Ether	3.769	74	31970	17.225	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.128	101	46218	18.543	ug/l	90
10) Methyl Iodide	4.346	142	37149	18.466	ug/l	91
11) Tert butyl alcohol	5.287	59	60742	83.142	ug/l #	87
12) 1,1-Dichloroethene	4.104	96	44735	19.355	ug/l #	90
13) Acrolein	3.975	56	66604	98.528	ug/l	99
14) Allyl chloride	4.763	41	104171	20.211	ug/l #	92
15) Acrylonitrile	5.475	53	210384	95.231	ug/l	98
16) Acetone	4.222	43	182606	89.365	ug/l	95
17) Carbon Disulfide	4.463	76	116476	17.707	ug/l #	92
18) Methyl Acetate	4.781	43	115152	21.081	ug/l #	85
19) Methyl tert-butyl Ether	5.528	73	165408	19.348	ug/l	92
20) Methylene Chloride	5.016	84	57504	19.635	ug/l #	78
21) trans-1,2-Dichloroethene	5.510	96	48444	18.160	ug/l	91
22) Diisopropyl ether	6.410	45	213087	20.292	ug/l #	92
23) Vinyl Acetate	6.345	43	925827	104.424	ug/l #	86
24) 1,1-Dichloroethane	6.304	63	105480	20.361	ug/l	96
25) 2-Butanone	7.257	43	317233	97.048	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	76382	23.010	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	56192	18.859	ug/l	87
28) Bromochloromethane	7.581	49	38048	20.775	ug/l #	68
29) Tetrahydrofuran	7.610	42	216027	103.771	ug/l #	80
30) Chloroform	7.745	83	97385	18.441	ug/l	100
31) Cyclohexane	8.022	56	101385	20.066	ug/l	85
32) 1,1,1-Trichloroethane	7.945	97	79549	19.587	ug/l	95
36) 1,1-Dichloropropene	8.151	75	75580	20.169	ug/l	95
37) Ethyl Acetate	7.334	43	115933	18.499	ug/l #	94
38) Carbon Tetrachloride	8.122	117	66184	19.404	ug/l #	84
39) Methylcyclohexane	9.392	83	88723	20.169	ug/l #	83
40) Benzene	8.392	78	235611	20.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	55111	19.051	ug/l	90
42) 1,2-Dichloroethane	8.457	62	83319	19.898	ug/l	98
43) Isopropyl Acetate	8.492	43	175434	20.824	ug/l #	89
44) Trichloroethene	9.151	130	48523	18.455	ug/l	90
45) 1,2-Dichloropropane	9.428	63	63608	20.022	ug/l	97
46) Dibromomethane	9.510	93	41146	19.393	ug/l #	83
47) Bromodichloromethane	9.698	83	77552	18.652	ug/l	99
48) Methyl methacrylate	9.498	41	81280	20.311	ug/l #	84
49) 1,4-Dioxane	9.504	88	27726	321.134	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	623617	101.993	ug/l	89
52) Toluene	10.439	92	143811	20.736	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	80784	20.492	ug/l	95
54) cis-1,3-Dichloropropene	10.122	75	89654	20.314	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	57873	19.292	ug/l	94
56) Ethyl methacrylate	10.698	69	94628	20.811	ug/l #	78
57) 1,3-Dichloropropane	10.986	76	103775	19.905	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	240110	104.387	ug/l #	88
59) 2-Hexanone	11.022	43	481219	103.710	ug/l	84
60) Dibromochloromethane	11.180	129	53293	18.966	ug/l	99
61) 1,2-Dibromoethane	11.286	107	56586	19.740	ug/l	98
64) Tetrachloroethene	10.910	164	43710	18.763	ug/l	89
65) Chlorobenzene	11.710	112	143811	19.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	48188	18.733	ug/l	98
67) Ethyl Benzene	11.780	91	262826	20.236	ug/l	98
68) m/p-Xylenes	11.892	106	199933	41.439	ug/l	94
69) o-Xylene	12.216	106	98019	20.389	ug/l	98
70) Styrene	12.233	104	162272	21.187	ug/l	98
71) Bromoform	12.398	173	37965	17.424	ug/l #	97
73) Isopropylbenzene	12.516	105	255172	20.616	ug/l	98
74) N-amyl acetate	12.327	43	146293	20.890	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	99572	19.398	ug/l	97
76) 1,2,3-Trichloropropane	12.816	75	67833m	18.346	ug/l	
77) Bromobenzene	12.798	156	54436	18.801	ug/l	74
78) n-propylbenzene	12.857	91	310225	21.988	ug/l	95
79) 2-Chlorotoluene	12.945	91	186248	21.551	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	208635	20.726	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	29108	20.905	ug/l	88
82) 4-Chlorotoluene	13.045	91	177178	21.188	ug/l	96
83) tert-Butylbenzene	13.263	119	178793	20.764	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	212649	21.888	ug/l	95
85) sec-Butylbenzene	13.439	105	260508	21.567	ug/l	95
86) p-Isopropyltoluene	13.557	119	204849	21.795	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	106037	20.545	ug/l	97
88) 1,4-Dichlorobenzene	13.627	146	103305	19.347	ug/l	97
89) n-Butylbenzene	13.880	91	177680	21.706	ug/l	96
90) Hexachloroethane	14.151	117	39163	20.211	ug/l	75
91) 1,2-Dichlorobenzene	13.921	146	104328	19.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	18988	18.507	ug/l	81
93) 1,2,4-Trichlorobenzene	15.198	180	48442	18.203	ug/l	93
94) Hexachlorobutadiene	15.298	225	23698	18.108	ug/l	100
95) Naphthalene	15.433	128	185402	17.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	51966	18.850	ug/l	97

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

