

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074255.D
 Acq On : 01 Sep 2022 20:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 05:41:55 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

Manual Integrations APPROVED

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

Reviewed By : Mahesh
 Supervised By : Mahesh
 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	220452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	425294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	391517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	180733	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	187832	54.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
35) Dibromofluoromethane	7.951	113	138540	50.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	10.380	98	560687	51.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.669	95	184116	55.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.100%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	118278	51.852	ug/l	96
3) Chloromethane	2.269	50	212715	66.206	ug/l	100
4) Vinyl Chloride	2.404	62	188119	58.923	ug/l	96
5) Bromomethane	2.787	94	91101	52.192	ug/l	89
6) Chloroethane	2.957	64	127173	60.915	ug/l	93
7) Trichlorofluoromethane	3.304	101	239661	49.105	ug/l	98
8) Diethyl Ether	3.757	74	105053	50.613	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	122502	43.950	ug/l	92
10) Methyl Iodide	4.346	142	94956	42.209	ug/l	93
11) Tert butyl alcohol	5.287	59	219448	286.705	ug/l	100
12) 1,1-Dichloroethene	4.110	96	128704	49.795	ug/l	96
13) Acrolein	3.981	56	221519	293.029	ug/l	98
14) Allyl chloride	4.757	41	310957	53.950	ug/l #	92
15) Acrylonitrile	5.475	53	658559	266.564	ug/l	98
16) Acetone	4.222	43	557768	244.087	ug/l	99
17) Carbon Disulfide	4.457	76	359082	48.815	ug/l	98
18) Methyl Acetate	4.775	43	339890	59.106	ug/l #	87
19) Methyl tert-butyl Ether	5.534	73	516410	54.014	ug/l	99
20) Methylene Chloride	5.004	84	161307	52.728	ug/l	86
21) trans-1,2-Dichloroethene	5.516	96	138272	46.351	ug/l	98
22) Diisopropyl ether	6.410	45	660245	56.224	ug/l #	91
23) Vinyl Acetate	6.345	43	2899404	292.430	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	299293	51.662	ug/l	97
25) 2-Butanone	7.257	43	998356	273.108	ug/l #	86
26) 2,2-Dichloropropane	7.251	77	161342	43.224	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	173282	52.005	ug/l	94
28) Bromochloromethane	7.586	49	111656	57.970	ug/l #	66
29) Tetrahydrofuran	7.610	42	682608	293.210	ug/l #	82
30) Chloroform	7.745	83	285550	48.352	ug/l	94
31) Cyclohexane	8.022	56	296323	52.443	ug/l #	83
32) 1,1,1-Trichloroethane	7.939	97	226412	49.850	ug/l	96
36) 1,1-Dichloropropene	8.151	75	208320	46.393	ug/l	97
37) Ethyl Acetate	7.334	43	389789	51.906	ug/l #	91
38) Carbon Tetrachloride	8.133	117	175484	42.912	ug/l	96
39) Methylcyclohexane	9.392	83	264675	50.212	ug/l	94
40) Benzene	8.392	78	690936	49.006	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	189009	54.527	ug/l	#	80
42) 1,2-Dichloroethane	8.463	62	234167	46.670	ug/l		96
43) Isopropyl Acetate	8.492	43	555465	55.023	ug/l	#	90
44) Trichloroethene	9.157	130	140175	44.492	ug/l		98
45) 1,2-Dichloropropane	9.428	63	192906	50.675	ug/l		98
46) Dibromomethane	9.516	93	115427	45.401	ug/l	#	85
47) Bromodichloromethane	9.698	83	222648	44.689	ug/l	#	97
48) Methyl methacrylate	9.498	41	259468	54.109	ug/l	#	86
49) 1,4-Dioxane	9.504	88	93368	902.490	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.269	43	1967300	268.514	ug/l		89
52) Toluene	10.445	92	414182	49.839	ug/l		98
53) t-1,3-Dichloropropene	10.657	75	239128	50.622	ug/l		97
54) cis-1,3-Dichloropropene	10.127	75	262404	49.617	ug/l	#	86
55) 1,1,2-Trichloroethane	10.839	97	164711	45.821	ug/l		92
56) Ethyl methacrylate	10.704	69	310927	57.065	ug/l	#	82
57) 1,3-Dichloropropane	10.986	76	304992	48.820	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.980	63	747475	271.192	ug/l	#	87
59) 2-Hexanone	11.027	43	1524980	274.275	ug/l		88
60) Dibromochloromethane	11.180	129	153982	45.733	ug/l		98
61) 1,2-Dibromoethane	11.286	107	171343	49.884	ug/l		99
64) Tetrachloroethene	10.910	164	111293	39.244	ug/l		95
65) Chlorobenzene	11.710	112	408233	46.337	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.780	131	140185	44.768	ug/l		98
67) Ethyl Benzene	11.786	91	799403	50.562	ug/l		99
68) m/p-Xylenes	11.892	106	584702	99.552	ug/l		94
69) o-Xylene	12.221	106	297005	50.750	ug/l		98
70) Styrene	12.233	104	490010	52.555	ug/l		99
71) Bromoform	12.398	173	112389	42.373	ug/l	#	97
73) Isopropylbenzene	12.516	105	752924	48.645	ug/l		100
74) N-amyl acetate	12.327	43	485228	55.410	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	297674	46.375	ug/l		98
76) 1,2,3-Trichloropropane	12.821	75	232847m	54.215	ug/l		
77) Bromobenzene	12.798	156	161791	44.687	ug/l		79
78) n-propylbenzene	12.857	91	932606	52.860	ug/l		95
79) 2-Chlorotoluene	12.945	91	527382	48.801	ug/l		96
80) 1,3,5-Trimethylbenzene	12.998	105	625375	49.681	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.563	75	85860	49.311	ug/l		92
82) 4-Chlorotoluene	13.045	91	514611	49.214	ug/l		95
83) tert-Butylbenzene	13.263	119	542706	50.401	ug/l		95
84) 1,2,4-Trimethylbenzene	13.304	105	623771	51.344	ug/l		97
85) sec-Butylbenzene	13.439	105	796191	52.712	ug/l		96
86) p-Isopropyltoluene	13.557	119	625998	53.263	ug/l		97
87) 1,3-Dichlorobenzene	13.551	146	297277	46.061	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	293204	43.913	ug/l		97
89) n-Butylbenzene	13.880	91	577391	56.407	ug/l		96
90) Hexachloroethane	14.151	117	109483	45.184	ug/l		80
91) 1,2-Dichlorobenzene	13.927	146	304063	44.693	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	61409	47.865	ug/l		87
93) 1,2,4-Trichlorobenzene	15.192	180	163695	49.189	ug/l		99
94) Hexachlorobutadiene	15.298	225	64768	39.576	ug/l		99
95) Naphthalene	15.433	128	704118	51.311	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	167586	48.612	ug/l		98

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

