

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073557.D
 Acq On : 21 Jul 2022 15:39
 Operator : JC\MD
 Sample : VN0721WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/22/2022

Supervised By :Semsettin
 Yesilyurt

07/22/2022

Quant Time: Jul 22 08:00:19 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	230286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	390680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	360791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	183805	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	154875	46.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	7.951	113	127395	49.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	10.381	98	425676	46.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.669	95	172354	48.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	48652	14.450	ug/l	95
3) Chloromethane	2.263	50	47167	14.430	ug/l	100
4) Vinyl Chloride	2.405	62	45395	16.345	ug/l	98
5) Bromomethane	2.793	94	21936	16.722	ug/l	98
6) Chloroethane	2.963	64	31724	19.418	ug/l	90
7) Trichlorofluoromethane	3.310	101	74326	15.480	ug/l	97
8) Diethyl Ether	3.757	74	35912	18.373	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.140	101	49333	17.389	ug/l	98
10) Methyl Iodide	4.346	142	34045	11.911	ug/l	96
11) Tert butyl alcohol	5.293	59	97952	121.630	ug/l	99
12) 1,1-Dichloroethene	4.116	96	44847	16.543	ug/l	92
13) Acrolein	3.975	56	9165	18.005	ug/l	94
14) Allyl chloride	4.751	41	106940	18.725	ug/l #	90
15) Acrylonitrile	5.475	53	241892	116.680	ug/l	99
16) Acetone	4.222	43	225908	121.061	ug/l	95
17) Carbon Disulfide	4.457	76	87491	12.446	ug/l	100
18) Methyl Acetate	4.775	43	134081	25.640	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	197588	19.998	ug/l	98
20) Methylene Chloride	5.022	84	62987	19.207	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	48232	17.027	ug/l	94
22) Diisopropyl ether	6.416	45	219148	20.564	ug/l	97
23) Vinyl Acetate	6.351	43	924531	96.899	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	105787	19.182	ug/l	98
25) 2-Butanone	7.263	43	362436	121.993	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	85478	16.759	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	64413	18.778	ug/l	97
28) Bromochloromethane	7.587	49	49556	21.456	ug/l	84
29) Tetrahydrofuran	7.616	42	238131	117.059	ug/l	86
30) Chloroform	7.745	83	110754	19.940	ug/l	94
31) Cyclohexane	8.028	56	86811	15.944	ug/l	87
32) 1,1,1-Trichloroethane	7.945	97	91112	18.407	ug/l	99
36) 1,1-Dichloropropene	8.151	75	69365	17.344	ug/l	98
37) Ethyl Acetate	7.340	43	128450	21.256	ug/l	96
38) Carbon Tetrachloride	8.140	117	73144	17.685	ug/l	91
39) Methylcyclohexane	9.392	83	78685	15.802	ug/l	93
40) Benzene	8.392	78	229095	18.561	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	73376	25.036	ug/l	#	77
42) 1,2-Dichloroethane	8.463	62	87423	19.539	ug/l		99
43) Isopropyl Acetate	8.498	43	188072	21.655	ug/l		94
44) Trichloroethene	9.151	130	54600	17.383	ug/l		98
45) 1,2-Dichloropropane	9.428	63	65531	20.830	ug/l		92
46) Dibromomethane	9.510	93	43356	20.297	ug/l		93
47) Bromodichloromethane	9.698	83	83923	20.285	ug/l		99
48) Methyl methacrylate	9.498	41	85351	21.225	ug/l		90
49) 1,4-Dioxane	9.504	88	41463	543.146	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.269	43	671742	121.966	ug/l		91
52) Toluene	10.445	92	143307	18.787	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	84951	18.652	ug/l		98
54) cis-1,3-Dichloropropene	10.133	75	93507	19.017	ug/l	#	86
55) 1,1,2-Trichloroethane	10.839	97	65434	20.837	ug/l		98
56) Ethyl methacrylate	10.704	69	106799	21.041	ug/l	#	83
57) 1,3-Dichloropropane	10.986	76	110127	20.457	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.981	63	235991	104.251	ug/l		95
59) 2-Hexanone	11.028	43	521804	124.289	ug/l		90
60) Dibromochloromethane	11.180	129	62587	20.904	ug/l		97
61) 1,2-Dibromoethane	11.286	107	63207	20.151	ug/l		98
64) Tetrachloroethene	10.916	164	57340	19.463	ug/l		93
65) Chlorobenzene	11.710	112	153831	18.852	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	60103	20.026	ug/l		97
67) Ethyl Benzene	11.786	91	274982	18.563	ug/l		99
68) m/p-Xylenes	11.892	106	207459	37.108	ug/l		98
69) o-Xylene	12.222	106	108343	18.983	ug/l		97
70) Styrene	12.233	104	172651	19.593	ug/l		98
71) Bromoform	12.398	173	47149	21.469	ug/l	#	100
73) Isopropylbenzene	12.522	105	280672	17.683	ug/l		99
74) N-amyl acetate	12.327	43	142408	17.918	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.769	83	103629	19.675	ug/l		99
76) 1,2,3-Trichloropropane	12.822	75	95187m	19.805	ug/l		
77) Bromobenzene	12.804	156	68713	18.620	ug/l		91
78) n-propylbenzene	12.863	91	315148	17.873	ug/l		97
79) 2-Chlorotoluene	12.945	91	192186	17.221	ug/l		98
80) 1,3,5-Trimethylbenzene	12.998	105	227301	17.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.563	75	30370	17.330	ug/l		89
82) 4-Chlorotoluene	13.045	91	182753	16.915	ug/l		100
83) tert-Butylbenzene	13.263	119	215052	18.541	ug/l		99
84) 1,2,4-Trimethylbenzene	13.310	105	227346	17.601	ug/l		99
85) sec-Butylbenzene	13.439	105	288226	18.507	ug/l		98
86) p-Isopropyltoluene	13.557	119	229080	18.208	ug/l		100
87) 1,3-Dichlorobenzene	13.557	146	117057	17.681	ug/l		97
88) 1,4-Dichlorobenzene	13.633	146	114208	17.218	ug/l		97
89) n-Butylbenzene	13.880	91	186532	17.792	ug/l		97
90) Hexachloroethane	14.151	117	42279	18.032	ug/l		87
91) 1,2-Dichlorobenzene	13.927	146	121943	18.082	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24684	19.282	ug/l		100
93) 1,2,4-Trichlorobenzene	15.198	180	65005	18.512	ug/l		97
94) Hexachlorobutadiene	15.304	225	30727	19.684	ug/l		97
95) Naphthalene	15.433	128	273387	19.299	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	68209	18.830	ug/l		99

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

