

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075628.D
 Acq On : 07 Dec 2022 23:56
 Operator : JC\MD
 Sample : VN1207SBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Quant Time: Dec 08 00:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	186037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	51260	51.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.171	113	65370	54.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	10.570	98	141392	52.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.853	95	106583	53.670	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	32102	22.567	ug/l	98
3) Chloromethane	2.371	50	37020	20.914	ug/l	96
4) Vinyl Chloride	2.524	62	50594	22.680	ug/l	97
5) Bromomethane	2.918	94	43858	22.357	ug/l	85
6) Chloroethane	3.100	64	36271	21.458	ug/l	100
7) Trichlorofluoromethane	3.494	101	67095	21.053	ug/l	95
8) Diethyl Ether	3.971	74	25027	22.406	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	37492	21.310	ug/l	91
10) Methyl Iodide	4.594	142	64749	22.712	ug/l	95
11) Tert butyl alcohol	5.547	59	42408	101.162	ug/l	97
12) 1,1-Dichloroethene	4.341	96	37158	21.568	ug/l	91
13) Acrolein	4.194	56	36076	98.784	ug/l	98
14) Allyl chloride	5.036	41	47490	21.311	ug/l	95
15) Acrylonitrile	5.730	53	96064	99.881	ug/l	99
16) Acetone	4.447	43	76697	82.340	ug/l	93
17) Carbon Disulfide	4.718	76	90977	20.320	ug/l	100
18) Methyl Acetate	5.036	43	52209	21.495	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	134076	21.969	ug/l	96
20) Methylene Chloride	5.288	84	43564	22.357	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	41739	21.259	ug/l	92
22) Diisopropyl ether	6.683	45	111762	21.977	ug/l	98
23) Vinyl Acetate	6.612	43	428326m	105.871	ug/l	
24) 1,1-Dichloroethane	6.577	63	71086	21.778	ug/l	96
25) 2-Butanone	7.494	43	122412	94.131	ug/l	98
26) 2,2-Dichloropropane	7.500	77	47717	15.729	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	49432	22.266	ug/l	90
28) Bromochloromethane	7.818	49	27817	20.994	ug/l #	81
29) Tetrahydrofuran	7.847	42	79627	100.664	ug/l	98
30) Chloroform	7.977	83	78875	21.042	ug/l	98
31) Cyclohexane	8.259	56	60312	19.009	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	71606	21.039	ug/l	97
36) 1,1-Dichloropropene	8.377	75	55498	21.304	ug/l	98
37) Ethyl Acetate	7.571	43	49954	21.296	ug/l	98
38) Carbon Tetrachloride	8.371	117	63511	22.193	ug/l	99
39) Methylcyclohexane	9.606	83	66796	20.487	ug/l	92
40) Benzene	8.612	78	174326	21.856	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	25272	21.073	ug/l	96
42) 1,2-Dichloroethane	8.677	62	58633	21.949	ug/l	96
43) Isopropyl Acetate	8.694	43	84489	22.440	ug/l	98
44) Trichloroethene	9.359	130	47506	21.767	ug/l	95
45) 1,2-Dichloropropane	9.629	63	42390	22.302	ug/l	97
46) Dibromomethane	9.712	93	31850	22.154	ug/l #	89
47) Bromodichloromethane	9.894	83	61741	22.176	ug/l	96
48) Methyl methacrylate	9.682	41	38299	21.998	ug/l	97
49) 1,4-Dioxane	9.700	88	20894	422.645	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	257805	107.504	ug/l	98
52) Toluene	10.635	92	115657	22.502	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	59162	21.167	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	65260	21.498	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	45544	21.756	ug/l	95
56) Ethyl methacrylate	10.876	69	65511	23.172	ug/l	98
57) 1,3-Dichloropropane	11.165	76	74423	21.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	105529	103.499	ug/l	98
59) 2-Hexanone	11.200	43	190853	105.985	ug/l	96
60) Dibromochloromethane	11.365	129	51220	23.837	ug/l	100
61) 1,2-Dibromoethane	11.476	107	47668	21.938	ug/l	100
64) Tetrachloroethene	11.106	164	40031	19.058	ug/l	93
65) Chlorobenzene	11.894	112	125221	22.045	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	48678	22.961	ug/l	99
67) Ethyl Benzene	11.965	91	216850	22.377	ug/l	99
68) m/p-Xylenes	12.076	106	175550	44.608	ug/l	99
69) o-Xylene	12.400	106	87941	22.491	ug/l	96
70) Styrene	12.412	104	141768	22.984	ug/l	97
71) Bromoform	12.582	173	38147	23.642	ug/l #	99
73) Isopropylbenzene	12.700	105	223616	22.067	ug/l	98
74) N-amyl acetate	12.500	43	72244	23.189	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	66677	21.582	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	54003m	20.592	ug/l	
77) Bromobenzene	12.982	156	56315	22.510	ug/l	82
78) n-propylbenzene	13.041	91	248922	22.011	ug/l	98
79) 2-Chlorotoluene	13.129	91	148899	21.852	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	189786	22.542	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	15944	17.988	ug/l	96
82) 4-Chlorotoluene	13.129	91	148899	21.852	ug/l	96
83) tert-Butylbenzene	13.441	119	173882	22.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	192201	22.759	ug/l	98
85) sec-Butylbenzene	13.617	105	234900	22.553	ug/l	98
86) p-Isopropyltoluene	13.735	119	196536	22.428	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	105568	22.271	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	103841	21.566	ug/l	97
89) n-Butylbenzene	14.059	91	157326	21.257	ug/l	98
90) Hexachloroethane	14.335	117	34210	22.629	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	105926	22.926	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12578	21.492	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	53800	22.722	ug/l	98
94) Hexachlorobutadiene	15.505	225	28252	22.907	ug/l	97
95) Naphthalene	15.647	128	162033	21.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52978	22.765	ug/l	98

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

