

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075627.D
 Acq On : 07 Dec 2022 23:32
 Operator : JC\MD
 Sample : VN1207SBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Quant Time: Dec 08 00:25:41 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	8.230	168	193999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	50383	48.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.171	113	65708	53.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.120%		
50) Toluene-d8	10.571	98	141091	51.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.853	95	112304	55.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	32296	21.771	ug/l	96
3) Chloromethane	2.371	50	37161	20.132	ug/l	92
4) Vinyl Chloride	2.524	62	49442	21.254	ug/l	90
5) Bromomethane	2.918	94	44962	21.979	ug/l	98
6) Chloroethane	3.107	64	36955	20.965	ug/l	91
7) Trichlorofluoromethane	3.495	101	67893	20.429	ug/l	98
8) Diethyl Ether	3.971	74	24896	21.374	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	39989	21.797	ug/l	92
10) Methyl Iodide	4.595	142	64525	21.705	ug/l	95
11) Tert butyl alcohol	5.548	59	41691	95.370	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37465	20.854	ug/l	94
13) Acrolein	4.195	56	36450	95.712	ug/l	99
14) Allyl chloride	5.036	41	47722	20.536	ug/l	95
15) Acrylonitrile	5.736	53	95883	95.602	ug/l	97
16) Acetone	4.448	43	75121	77.338	ug/l	90
17) Carbon Disulfide	4.718	76	93895	20.111	ug/l	99
18) Methyl Acetate	5.036	43	53630	21.154	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	132835	20.872	ug/l	99
20) Methylene Chloride	5.289	84	44096	21.662	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	41974	20.501	ug/l	94
22) Diisopropyl ether	6.683	45	109535	20.655	ug/l	97
23) Vinyl Acetate	6.618	43	427334m	101.291	ug/l	
24) 1,1-Dichloroethane	6.577	63	72493	21.297	ug/l	98
25) 2-Butanone	7.494	43	121780	89.801	ug/l	98
26) 2,2-Dichloropropane	7.500	77	49656	15.697	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	49979	21.588	ug/l	91
28) Bromochloromethane	7.818	49	29540	21.380	ug/l	83
29) Tetrahydrofuran	7.847	42	78757	95.478	ug/l	97
30) Chloroform	7.971	83	80028	20.473	ug/l	99
31) Cyclohexane	8.265	56	65064	19.665	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	73057	20.584	ug/l	98
36) 1,1-Dichloropropene	8.377	75	56696	21.193	ug/l	97
37) Ethyl Acetate	7.571	43	48882	20.292	ug/l	99
38) Carbon Tetrachloride	8.365	117	64547	21.963	ug/l	99
39) Methylcyclohexane	9.606	83	72525	21.661	ug/l	98
40) Benzene	8.612	78	175900	21.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	24560	19.942	ug/l	94
42) 1,2-Dichloroethane	8.677	62	59191	21.577	ug/l	95
43) Isopropyl Acetate	8.694	43	85924	22.222	ug/l	99
44) Trichloroethene	9.359	130	49117	21.915	ug/l	91
45) 1,2-Dichloropropane	9.624	63	42297	21.669	ug/l	96
46) Dibromomethane	9.712	93	32963	22.327	ug/l	90
47) Bromodichloromethane	9.894	83	62491	21.857	ug/l #	96
48) Methyl methacrylate	9.683	41	37843	21.166	ug/l	97
49) 1,4-Dioxane	9.700	88	20397	401.768	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	254925	103.514	ug/l	97
52) Toluene	10.635	92	116311	22.036	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	60459	21.063	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66416	21.305	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	46318	21.545	ug/l	96
56) Ethyl methacrylate	10.877	69	64532	22.227	ug/l	98
57) 1,3-Dichloropropane	11.165	76	74812	21.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	101726	97.152	ug/l	97
59) 2-Hexanone	11.200	43	190360	102.939	ug/l	98
60) Dibromochloromethane	11.365	129	52903	23.974	ug/l	100
61) 1,2-Dibromoethane	11.471	107	48154	21.581	ug/l	98
64) Tetrachloroethene	11.106	164	43149	20.039	ug/l	91
65) Chlorobenzene	11.894	112	128067	21.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	48193	22.175	ug/l	99
67) Ethyl Benzene	11.965	91	223895	22.537	ug/l	98
68) m/p-Xylenes	12.076	106	179006	44.371	ug/l	99
69) o-Xylene	12.400	106	89417	22.308	ug/l	96
70) Styrene	12.418	104	142119	22.476	ug/l	99
71) Bromoform	12.582	173	37556	22.705	ug/l #	99
73) Isopropylbenzene	12.700	105	228390	21.513	ug/l	98
74) N-amyl acetate	12.500	43	71301	21.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	66845	20.652	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	52665m	19.169	ug/l	
77) Bromobenzene	12.982	156	57108	21.789	ug/l	81
78) n-propylbenzene	13.041	91	257855	21.764	ug/l	99
79) 2-Chlorotoluene	13.129	91	155009	21.714	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	197586	22.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16731	18.018	ug/l	98
82) 4-Chlorotoluene	13.129	91	155009	21.714	ug/l	97
83) tert-Butylbenzene	13.441	119	183226	22.784	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	196361	22.195	ug/l	98
85) sec-Butylbenzene	13.623	105	245373	22.487	ug/l	100
86) p-Isopropyltoluene	13.735	119	205565	22.391	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	107636	21.675	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	105303	20.875	ug/l	99
89) n-Butylbenzene	14.059	91	161178	20.787	ug/l	98
90) Hexachloroethane	14.341	117	35354	22.323	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	106385	21.978	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12251	19.982	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	52439	21.140	ug/l	98
94) Hexachlorobutadiene	15.506	225	29165	22.572	ug/l	99
95) Naphthalene	15.641	128	158140	20.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52868	21.685	ug/l	97

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

