

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075683.D
 Acq On : 10 Dec 2022 01:59
 Operator : JC\MD
 Sample : VN1209WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 04:22:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	223601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	325889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125229	52.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.171	113	114196	52.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	10.570	98	447166	54.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.840%			
62) 4-Bromofluorobenzene	12.853	95	151841	54.049	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	31321	19.045	ug/l	96
3) Chloromethane	2.377	50	36581	18.670	ug/l	96
4) Vinyl Chloride	2.530	62	46531	19.333	ug/l	99
5) Bromomethane	2.971	94	37835	18.457	ug/l	93
6) Chloroethane	3.136	64	33108	18.436	ug/l	98
7) Trichlorofluoromethane	3.512	101	67527	19.337	ug/l	96
8) Diethyl Ether	3.977	74	24889	19.496	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.394	101	39618	19.332	ug/l	99
10) Methyl Iodide	4.606	142	63164	18.861	ug/l	99
11) Tert butyl alcohol	5.536	59	34829	99.234	ug/l	98
12) 1,1-Dichloroethene	4.353	96	38727	20.217	ug/l	99
13) Acrolein	4.194	56	38009	94.029	ug/l	96
14) Allyl chloride	5.041	41	47868m	20.067	ug/l	
15) Acrylonitrile	5.730	53	89115	98.298	ug/l	98
16) Acetone	4.441	43	70946	88.302	ug/l	95
17) Carbon Disulfide	4.730	76	96709	19.080	ug/l	99
18) Methyl Acetate	5.036	43	46580	18.042	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	128897	20.004	ug/l	100
20) Methylene Chloride	5.288	84	43562	18.187	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	42488	19.848	ug/l	97
22) Diisopropyl ether	6.683	45	111175	20.484	ug/l	95
23) Vinyl Acetate	6.612	43	418135m	101.032	ug/l	
24) 1,1-Dichloroethane	6.583	63	71431	19.994	ug/l	97
25) 2-Butanone	7.488	43	112857	96.087	ug/l	95
26) 2,2-Dichloropropane	7.500	77	52036	17.078	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	50144	19.295	ug/l	99
28) Bromochloromethane	7.824	49	27362	19.155	ug/l	100
29) Tetrahydrofuran	7.847	42	75948	104.909	ug/l	99
30) Chloroform	7.971	83	80424	20.323	ug/l	100
31) Cyclohexane	8.265	56	68525	19.508	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	73058	20.011	ug/l	95
36) 1,1-Dichloropropene	8.377	75	59832	20.595	ug/l	98
37) Ethyl Acetate	7.565	43	48227	20.676	ug/l	97
38) Carbon Tetrachloride	8.371	117	67360	20.092	ug/l	100
39) Methylcyclohexane	9.606	83	76897	20.874	ug/l	92
40) Benzene	8.612	78	178305	19.998	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	24711	20.661	ug/l	95
42) 1,2-Dichloroethane	8.677	62	59490	19.946	ug/l	99
43) Isopropyl Acetate	8.694	43	78013	20.034	ug/l	99
44) Trichloroethene	9.359	130	51125	20.326	ug/l	96
45) 1,2-Dichloropropane	9.623	63	41280	19.467	ug/l	97
46) Dibromomethane	9.712	93	32135	20.185	ug/l	99
47) Bromodichloromethane	9.888	83	63243	20.260	ug/l	95
48) Methyl methacrylate	9.682	41	36650	20.435	ug/l	99
49) 1,4-Dioxane	9.700	88	17708	406.174	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	243754	101.514	ug/l	100
52) Toluene	10.635	92	120626	20.469	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	61315	19.889	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	67641	19.721	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	46067	19.881	ug/l	99
56) Ethyl methacrylate	10.876	69	64339	20.492	ug/l	100
57) 1,3-Dichloropropane	11.165	76	75191	20.077	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	90973	98.136	ug/l	100
59) 2-Hexanone	11.200	43	176758	101.323	ug/l	99
60) Dibromochloromethane	11.359	129	52877	20.738	ug/l	98
61) 1,2-Dibromoethane	11.470	107	47358	19.508	ug/l	99
64) Tetrachloroethene	11.106	164	45590	19.206	ug/l	97
65) Chlorobenzene	11.894	112	133164	19.860	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	47970	19.663	ug/l	99
67) Ethyl Benzene	11.965	91	232648	20.510	ug/l	99
68) m/p-Xylenes	12.076	106	184511	40.257	ug/l	100
69) o-Xylene	12.400	106	91158	20.496	ug/l	100
70) Styrene	12.412	104	147289	20.648	ug/l	100
71) Bromoform	12.582	173	37524	20.292	ug/l #	100
73) Isopropylbenzene	12.700	105	237209	20.028	ug/l	99
74) N-amyl acetate	12.494	43	67814	19.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	66275	18.628	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	56310m	16.998	ug/l	
77) Bromobenzene	12.982	156	57692	19.369	ug/l	98
78) n-propylbenzene	13.041	91	269933	20.539	ug/l	100
79) 2-Chlorotoluene	13.129	91	158166	19.493	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	202800	20.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17087	18.589	ug/l	97
82) 4-Chlorotoluene	13.129	91	158166	19.493	ug/l	99
83) tert-Butylbenzene	13.441	119	185096	20.613	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	199549	20.051	ug/l	100
85) sec-Butylbenzene	13.617	105	254497	20.616	ug/l	98
86) p-Isopropyltoluene	13.735	119	216579	20.968	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	111849	20.080	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	111332	19.649	ug/l	99
89) n-Butylbenzene	14.059	91	175829	21.238	ug/l	99
90) Hexachloroethane	14.335	117	36057	20.380	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	104950	18.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11166	19.099	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	57349	21.551	ug/l	99
94) Hexachlorobutadiene	15.505	225	30378	20.120	ug/l	99
95) Naphthalene	15.641	128	160140	20.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	53225	20.355	ug/l	98

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

