

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068860.D
 Acq On : 12 Oct 2021 11:24
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
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apatel
 10/14/2021 1:30:04 PM

Quant Time: Oct 13 04:57:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 04:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	387524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	667514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	605664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	254921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	84433	13.544	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	27.080%#		
35) Dibromofluoromethane	8.024	113	63925	13.901	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	27.800%#		
50) Toluene-d8	10.443	98	258147	14.138	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	28.280%#		
62) 4-Bromofluorobenzene	12.733	95	92910	14.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	29.320%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	92645	21.887	ug/l	99
3) Chloromethane	2.303	50	100118	15.245	ug/l	99
4) Vinyl Chloride	2.445	62	105086	16.276	ug/l	99
5) Bromomethane	2.858	94	61335	20.578	ug/l	98
6) Chloroethane	3.019	64	60944	16.521	ug/l	99
7) Trichlorofluoromethane	3.376	101	143859	18.808	ug/l	98
8) Diethyl Ether	3.827	74	53518	19.798	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.215	101	77358	18.896	ug/l	98
10) Methyl Iodide	4.427	142	103405	20.237	ug/l	99
11) Tert butyl alcohol	5.363	59	92923	98.747	ug/l	99
12) 1,1-Dichloroethene	4.189	96	78235	20.010	ug/l	99
13) Acrolein	4.047	56	34030	100.966	ug/l	99
14) Allyl chloride	4.848	41	146574	18.350	ug/l	98
15) Acrylonitrile	5.554	53	219061	88.986	ug/l	100
16) Acetone	4.288	43	213721	87.348	ug/l	99
17) Carbon Disulfide	4.535	76	212486	18.448	ug/l	100
18) Methyl Acetate	4.856	43	150745	17.199	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	293861	19.942	ug/l	100
20) Methylene Chloride	5.101	84	87867	16.720	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	81930	19.249	ug/l	99
22) Diisopropyl ether	6.498	45	294190	17.892	ug/l	97
23) Vinyl Acetate	6.433	43	1116335	86.838	ug/l	99
24) 1,1-Dichloroethane	6.391	63	159644	18.526	ug/l	99
25) 2-Butanone	7.335	43	309569	85.965	ug/l	98
26) 2,2-Dichloropropane	7.327	77	150960	20.080	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	98531	19.518	ug/l	99
28) Bromochloromethane	7.656	49	59810	15.644	ug/l	98
29) Tetrahydrofuran	7.686	42	198711	86.982	ug/l	100
30) Chloroform	7.820	83	165722	18.850	ug/l	99
31) Cyclohexane	8.096	56	160640	19.029	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	153511	19.806	ug/l	99
36) 1,1-Dichloropropene	8.222	75	118871	17.856	ug/l	98
37) Ethyl Acetate	7.412	43	125677	16.870	ug/l	100
38) Carbon Tetrachloride	8.209	117	133236	19.195	ug/l	100
39) Methylcyclohexane	9.461	83	157453	19.915	ug/l	99
40) Benzene	8.464	78	370753	18.864	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	59430	15.044	ug/l	92
42) 1,2-Dichloroethane	8.531	62	129911	17.158	ug/l	100
43) Isopropyl Acetate	8.560	43	223533	17.385	ug/l	100
44) Trichloroethene	9.217	130	92270	19.358	ug/l	99
45) 1,2-Dichloropropane	9.491	63	96080	18.689	ug/l	98
46) Dibromomethane	9.577	93	64894	18.993	ug/l	99
47) Bromodichloromethane	9.762	83	134954	18.982	ug/l	98
48) Methyl methacrylate	9.561	41	103006	17.711	ug/l	99
49) 1,4-Dioxane	9.569	88	34776	397.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	644423	84.219	ug/l	99
52) Toluene	10.507	92	235742	18.903	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	150270	19.156	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	159095	19.387	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	91486	18.941	ug/l	98
56) Ethyl methacrylate	10.762	69	152365	19.612	ug/l	99
57) 1,3-Dichloropropane	11.044	76	153618	18.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	156489	77.708	ug/l	100
59) 2-Hexanone	11.087	43	457134	83.107	ug/l	100
60) Dibromochloromethane	11.240	129	104632	19.948	ug/l	99
61) 1,2-Dibromoethane	11.347	107	95605	19.322	ug/l	100
64) Tetrachloroethene	10.979	164	84448	20.975	ug/l	97
65) Chlorobenzene	11.771	112	242737	19.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	97090	20.750	ug/l	99
67) Ethyl Benzene	11.846	91	459914	19.763	ug/l	100
68) m/p-Xylenes	11.953	106	348497	40.667	ug/l	100
69) o-Xylene	12.283	106	174386	20.650	ug/l	99
70) Styrene	12.296	104	276214	20.311	ug/l	99
71) Bromoform	12.460	173	75149	20.958	ug/l #	97
73) Isopropylbenzene	12.581	105	446712	19.644	ug/l	100
74) N-amyl acetate	12.390	43	167448	17.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	129040	18.227	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	114982m	18.527	ug/l	
77) Bromobenzene	12.862	156	98325	18.836	ug/l	99
78) n-propylbenzene	12.921	91	499372	19.338	ug/l	100
79) 2-Chlorotoluene	13.010	91	308497	19.686	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	377276	20.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	44777	20.015	ug/l	99
82) 4-Chlorotoluene	13.106	91	296059	19.442	ug/l	100
83) tert-Butylbenzene	13.326	119	323698	19.856	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	363938	20.717	ug/l	99
85) sec-Butylbenzene	13.503	105	447923	20.147	ug/l	100
86) p-Isopropyltoluene	13.618	119	359603	20.255	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	173305	19.514	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	169460	18.753	ug/l	99
89) n-Butylbenzene	13.943	91	289040	18.751	ug/l	100
90) Hexachloroethane	14.211	117	74570	20.962	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	169031	19.508	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	25145	18.936	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	71948	16.905	ug/l	100
94) Hexachlorobutadiene	15.372	225	48045	20.474	ug/l	98
95) Naphthalene	15.507	128	185567	15.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	70151	16.911	ug/l	99

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

