

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068514.D
 Acq On : 17 Sep 2021 12:13
 Operator : JC/MD
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 2:07:45 PM

Quant Time: Sep 20 03:55:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	564355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	870728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	809176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	409822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	288497	55.728	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.460%			
35) Dibromofluoromethane	8.021	113	269517	51.321	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.640%			
50) Toluene-d8	10.443	98	1053354	48.983	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.960%			
62) 4-Bromofluorobenzene	12.734	95	346025	48.842	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	83044	18.022	ug/l	97
3) Chloromethane	2.303	50	79294	18.818	ug/l	98
4) Vinyl Chloride	2.443	62	134237	19.210	ug/l	100
5) Bromomethane	2.848	94	140497	22.182	ug/l	100
6) Chloroethane	3.014	64	98891	19.222	ug/l	98
7) Trichlorofluoromethane	3.374	101	166947	19.049	ug/l	97
8) Diethyl Ether	3.829	74	51978	19.664	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	94954	19.606	ug/l	98
10) Methyl Iodide	4.425	142	125278	18.136	ug/l	100
11) Tert butyl alcohol	5.369	59	75690	97.688	ug/l #	90
12) 1,1-Dichloroethene	4.186	96	84933	19.155	ug/l	98
13) Acrolein	4.044	56	28844	75.034	ug/l	97
14) Allyl chloride	4.843	41	111269	19.756	ug/l	100
15) Acrylonitrile	5.551	53	187275	94.871	ug/l	98
16) Acetone	4.288	43	161616	107.342	ug/l	99
17) Carbon Disulfide	4.535	76	211927	17.801	ug/l	100
18) Methyl Acetate	4.857	43	91482	19.244	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	296078	19.929	ug/l	100
20) Methylene Chloride	5.101	84	102873	20.484	ug/l	99
21) trans-1,2-Dichloroethene	5.600	96	94590	18.686	ug/l	97
22) Diisopropyl ether	6.498	45	251272	20.605	ug/l	96
23) Vinyl Acetate	6.434	43	929627	101.998	ug/l	99
24) 1,1-Dichloroethane	6.388	63	160675	19.445	ug/l	99
25) 2-Butanone	7.337	43	245323	97.520	ug/l	99
26) 2,2-Dichloropropane	7.327	77	156808	20.555	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	115904	19.495	ug/l	98
28) Bromochloromethane	7.659	49	61463	19.114	ug/l	95
29) Tetrahydrofuran	7.686	42	160343	97.636	ug/l	99
30) Chloroform	7.820	83	197747	20.229	ug/l	97
31) Cyclohexane	8.099	56	148378	18.914	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	185420	20.445	ug/l	99
36) 1,1-Dichloropropene	8.223	75	136790	18.843	ug/l	99
37) Ethyl Acetate	7.413	43	103546	18.751	ug/l	99
38) Carbon Tetrachloride	8.209	117	171439	19.713	ug/l	98
39) Methylcyclohexane	9.462	83	183472	19.977	ug/l	98
40) Benzene	8.461	78	418583	19.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	47155	17.353	ug/l	94
42) 1,2-Dichloroethane	8.531	62	142711	19.168	ug/l	100
43) Isopropyl Acetate	8.560	43	180752	18.553	ug/l	98
44) Trichloroethene	9.218	130	140596	20.665	ug/l	100
45) 1,2-Dichloropropane	9.491	63	102034	19.890	ug/l	99
46) Dibromomethane	9.580	93	82592	20.001	ug/l	98
47) Bromodichloromethane	9.765	83	158724	20.257	ug/l	100
48) Methyl methacrylate	9.561	41	75007	18.437	ug/l	88
49) 1,4-Dioxane	9.569	88	37760	404.603	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	546789	98.317	ug/l	99
52) Toluene	10.508	92	303194	21.266	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	159144	21.200	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	168413	20.473	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	119560	21.131	ug/l	98
56) Ethyl methacrylate	10.762	69	150082	21.357	ug/l	100
57) 1,3-Dichloropropane	11.047	76	178896	20.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	94041	158.465	ug/l	99
59) 2-Hexanone	11.087	43	369975	99.334	ug/l	100
60) Dibromochloromethane	11.240	129	145689	19.918	ug/l	99
61) 1,2-Dibromoethane	11.347	107	126195	21.037	ug/l	99
64) Tetrachloroethene	10.980	164	151330	21.101	ug/l	98
65) Chlorobenzene	11.773	112	344298	20.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	139940	21.412	ug/l	99
67) Ethyl Benzene	11.846	91	566696	20.829	ug/l	99
68) m/p-Xylenes	11.956	106	475978	43.448	ug/l	99
69) o-Xylene	12.283	106	229312	21.483	ug/l	100
70) Styrene	12.296	104	359709	20.188	ug/l	99
71) Bromoform	12.463	173	111744	19.734	ug/l #	100
73) Isopropylbenzene	12.581	105	585029	20.068	ug/l	100
74) N-amyl acetate	12.390	43	125114	19.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	154593	18.916	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	126009m	21.738	ug/l	
77) Bromobenzene	12.862	156	158735	19.685	ug/l	97
78) n-propylbenzene	12.924	91	620377	20.154	ug/l	100
79) 2-Chlorotoluene	13.010	91	379242	19.984	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	502553	21.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	39657	21.445	ug/l	98
82) 4-Chlorotoluene	13.106	91	363905	19.885	ug/l	100
83) tert-Butylbenzene	13.326	119	454675	21.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	479850	21.126	ug/l	100
85) sec-Butylbenzene	13.503	105	595456	20.885	ug/l	99
86) p-Isopropyltoluene	13.619	119	513663	21.344	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	287990	20.584	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	276114	20.023	ug/l	99
89) n-Butylbenzene	13.946	91	349323	19.927	ug/l	99
90) Hexachloroethane	14.211	117	91431	21.644	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	276389	20.480	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23217	17.897	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	119852	17.681	ug/l	99
94) Hexachlorobutadiene	15.373	225	95557	23.991	ug/l	99
95) Naphthalene	15.509	128	207821	15.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	108240	17.065	ug/l	100

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

