

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068660.D
 Acq On : 25 Sep 2021 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

9/27/2021 11:00:33 AM

Quant Time: Sep 27 04:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	455796	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	722517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	731133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	416000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	303190	42.445	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.900%
35) Dibromofluoromethane	8.021	113	230228	47.557	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.120%
50) Toluene-d8	10.443	98	901175	43.979	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.731	95	342518	48.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.072	85	221367	45.430	ug/l	99
3) Chloromethane	2.300	50	275454	34.276	ug/l	98
4) Vinyl Chloride	2.443	62	331874	42.527	ug/l	97
5) Bromomethane	2.840	94	219496	73.055	ug/l	100
6) Chloroethane	3.009	64	240165	59.756	ug/l	98
7) Trichlorofluoromethane	3.371	101	398734	43.912	ug/l	99
8) Diethyl Ether	3.824	74	141025	44.211	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	227467	46.867	ug/l	92
10) Methyl Iodide	4.427	142	252736	43.321	ug/l	90
11) Tert butyl alcohol	5.361	59	219881	200.758	ug/l	100
12) 1,1-Dichloroethene	4.186	96	205590	44.594	ug/l	88
13) Acrolein	4.041	56	81520	237.529	ug/l	100
14) Allyl chloride	4.843	41	411365	42.988	ug/l	97
15) Acrylonitrile	5.551	53	652019	220.864	ug/l	99
16) Acetone	4.282	43	800149	312.935	ug/l	95
17) Carbon Disulfide	4.532	76	551368	40.337	ug/l	98
18) Methyl Acetate	4.851	43	430908	41.172	ug/l	99
19) Methyl tert-butyl Ether	5.615	73	790376	45.692	ug/l	97
20) Methylene Chloride	5.100	84	247504	45.735	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	224225	44.722	ug/l	90
22) Diisopropyl ether	6.495	45	885895	44.935	ug/l	97
23) Vinyl Acetate	6.431	43	3491074	224.951	ug/l	99
24) 1,1-Dichloroethane	6.388	63	460104	45.016	ug/l	99
25) 2-Butanone	7.332	43	1069500	246.549	ug/l	100
26) 2,2-Dichloropropane	7.329	77	411708	47.208	ug/l	96
27) cis-1,2-Dichloroethene	7.326	96	269992	45.704	ug/l	92
28) Bromochloromethane	7.656	49	234405	51.467	ug/l	89
29) Tetrahydrofuran	7.681	42	617322	223.888	ug/l	100
30) Chloroform	7.817	83	479524	46.268	ug/l	99
31) Cyclohexane	8.096	56	427123	42.780	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	424402	46.777	ug/l	99
36) 1,1-Dichloropropene	8.222	75	352041	48.243	ug/l	97
37) Ethyl Acetate	7.410	43	389343	46.996	ug/l	99
38) Carbon Tetrachloride	8.206	117	379708	50.379	ug/l	99
39) Methylcyclohexane	9.461	83	433055	50.660	ug/l	95
40) Benzene	8.461	78	1043629	48.734	ug/l	99

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41) Methacrylonitrile	7.638	41	188130	42.935	ug/l	96
42) 1,2-Dichloroethane	8.531	62	392742	47.130	ug/l	97
43) Isopropyl Acetate	8.560	43	674721	47.609	ug/l	99
44) Trichloroethene	9.217	130	259473	50.273	ug/l	86
45) 1,2-Dichloropropane	9.491	63	277604	49.234	ug/l	98
46) Dibromomethane	9.577	93	191322	51.323	ug/l	92
47) Bromodichloromethane	9.764	83	395829	51.203	ug/l	98
48) Methyl methacrylate	9.558	41	318039	49.133	ug/l	97
49) 1,4-Dioxane	9.566	88	92092	975.337	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	2099889	245.010	ug/l	100
52) Toluene	10.507	92	665612	49.045	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	428146	50.203	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	450155	50.525	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	260685	49.549	ug/l	98
56) Ethyl methacrylate	10.762	69	429573	45.713	ug/l	99
57) 1,3-Dichloropropane	11.044	76	451002	49.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	527080	211.817	ug/l	96
59) 2-Hexanone	11.084	43	1625908	263.808	ug/l	100
60) Dibromochloromethane	11.239	129	306165	53.849	ug/l	99
61) 1,2-Dibromoethane	11.347	107	282785	52.549	ug/l	100
64) Tetrachloroethene	10.979	164	234321	48.807	ug/l	94
65) Chlorobenzene	11.771	112	849846	55.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	285726	50.671	ug/l	99
67) Ethyl Benzene	11.846	91	1378889	49.000	ug/l	98
68) m/p-Xylenes	11.953	106	1063448	102.959	ug/l	89
69) o-Xylene	12.283	106	745683	73.486	ug/l	90
70) Styrene	12.296	104	1231288	75.441	ug/l	95
71) Bromoform	12.460	173	284594	66.904	ug/l #	99
73) Isopropylbenzene	12.580	105	1488864	39.915	ug/l	97
74) N-amyl acetate	12.387	43	818190	51.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	417827	35.746	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	389923m	37.908	ug/l	
77) Bromobenzene	12.862	156	307572	35.966	ug/l	82
78) n-propylbenzene	12.921	91	1665395	39.318	ug/l	97
79) 2-Chlorotoluene	13.007	91	964909	37.704	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	1140392	38.931	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	142976	39.264	ug/l	99
82) 4-Chlorotoluene	13.106	91	1039991	41.819	ug/l	94
83) tert-Butylbenzene	13.326	119	1005865	37.805	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	1213624	42.498	ug/l	95
85) sec-Butylbenzene	13.503	105	1468799	40.578	ug/l	96
86) p-Isopropyltoluene	13.616	119	1131646	39.043	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	531652	36.637	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	716924	48.648	ug/l	96
89) n-Butylbenzene	13.943	91	1056319	42.006	ug/l	98
90) Hexachloroethane	14.211	117	227992	39.875	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	566874	40.278	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78440	36.212	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	402197	57.611	ug/l	98
94) Hexachlorobutadiene	15.372	225	213772	56.979	ug/l	99
95) Naphthalene	15.507	128	1010549	50.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	369215	54.129	ug/l	98

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

