

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068157.D
 Acq On : 17 Aug 2021 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 8/19/2021 5:54:24 PM

Quant Time: Aug 18 07:21:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	594143	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	910330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	909841	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	476112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	287712	45.353	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.700%		
35) Dibromofluoromethane	8.021	113	264702	46.315	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.620%		
50) Toluene-d8	10.443	98	1048558	48.149	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.733	95	365229	50.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	207985	44.179	ug/l	99
3) Chloromethane	2.301	50	233018	43.810	ug/l	97
4) Vinyl Chloride	2.443	62	373553	44.821	ug/l	95
5) Bromomethane	2.832	94	336565	51.254	ug/l	98
6) Chloroethane	3.006	64	279657	56.271	ug/l	95
7) Trichlorofluoromethane	3.365	101	730486	44.584	ug/l	97
8) Diethyl Ether	3.819	74	234679	61.751	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.197	101	223466	44.608	ug/l #	85
10) Methyl Iodide	4.414	142	337749	47.416	ug/l	88
11) Tert butyl alcohol	5.393	59	181199	229.042	ug/l	99
12) 1,1-Dichloroethene	4.173	96	212827	44.186	ug/l #	76
13) Acrolein	4.041	56	123826	237.343	ug/l	99
14) Allyl chloride	4.832	41	279930	45.467	ug/l #	93
15) Acrylonitrile	5.559	53	527717	236.763	ug/l	100
16) Acetone	4.291	43	402669	217.400	ug/l #	89
17) Carbon Disulfide	4.521	76	573433	46.053	ug/l	99
18) Methyl Acetate	4.859	43	238102	50.406	ug/l #	86
19) Methyl tert-butyl Ether	5.621	73	749029	48.235	ug/l	96
20) Methylene Chloride	5.095	84	258352	50.438	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	245465	45.520	ug/l #	78
22) Diisopropyl ether	6.500	45	659405	49.028	ug/l #	93
23) Vinyl Acetate	6.436	43	2563071m	244.821	ug/l	
24) 1,1-Dichloroethane	6.385	63	406180	45.200	ug/l	96
25) 2-Butanone	7.340	43	679769	235.497	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	317748	41.268	ug/l	88
27) cis-1,2-Dichloroethene	7.324	96	297814	46.124	ug/l	74
28) Bromochloromethane	7.656	49	176188	44.587	ug/l #	46
29) Tetrahydrofuran	7.689	42	447374	242.344	ug/l #	78
30) Chloroform	7.820	83	492754	46.031	ug/l	99
31) Cyclohexane	8.094	56	367661	44.001	ug/l #	84
32) 1,1,1-Trichloroethane	8.016	97	457153	47.887	ug/l	95
36) 1,1-Dichloropropene	8.222	75	352162	47.323	ug/l	90
37) Ethyl Acetate	7.418	43	290237	45.781	ug/l	95
38) Carbon Tetrachloride	8.206	117	417682	48.664	ug/l	99
39) Methylcyclohexane	9.461	83	407834	48.525	ug/l #	84
40) Benzene	8.461	78	1095244	48.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	133101	45.985	ug/l #	82
42) 1,2-Dichloroethane	8.533	62	363429	46.974	ug/l	92
43) Isopropyl Acetate	8.566	43	498324	49.071	ug/l #	89
44) Trichloroethene	9.217	130	315889	46.249	ug/l	79
45) 1,2-Dichloropropane	9.494	63	256746	48.058	ug/l	99
46) Dibromomethane	9.577	93	206869	47.469	ug/l #	77
47) Bromodichloromethane	9.764	83	398546	49.212	ug/l #	97
48) Methyl methacrylate	9.563	41	213547	50.461	ug/l #	82
49) 1,4-Dioxane	9.571	88	96973	948.037	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	1571870	251.981	ug/l	90
52) Toluene	10.507	92	784158	50.643	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	413566	51.992	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	426591	49.498	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	303273	49.012	ug/l	94
56) Ethyl methacrylate	10.762	69	413092	51.986	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	462784	48.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	363362	216.319	ug/l #	82
59) 2-Hexanone	11.087	43	1100600	254.094	ug/l	86
60) Dibromochloromethane	11.242	129	364432	52.205	ug/l	99
61) 1,2-Dibromoethane	11.350	107	329949	51.416	ug/l	99
64) Tetrachloroethene	10.979	164	331737	47.153	ug/l	86
65) Chlorobenzene	11.773	112	880227	47.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	349691	49.764	ug/l	98
67) Ethyl Benzene	11.848	91	1516199	49.342	ug/l	94
68) m/p-Xylenes	11.956	106	1239795	100.860	ug/l	78
69) o-Xylene	12.283	106	605845	51.010	ug/l	79
70) Styrene	12.296	104	986766	51.906	ug/l #	90
71) Bromoform	12.460	173	302826	53.736	ug/l #	99
73) Isopropylbenzene	12.581	105	1539380	45.461	ug/l	95
74) N-amyl acetate	12.390	43	393024	44.574	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	426980	42.045	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	339122m	42.854	ug/l	
77) Bromobenzene	12.862	156	428485	45.931	ug/l	53
78) n-propylbenzene	12.924	91	1655710	45.583	ug/l	90
79) 2-Chlorotoluene	13.010	91	998296	44.440	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1280193	46.734	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	114123	47.247	ug/l #	84
82) 4-Chlorotoluene	13.106	91	986956	45.265	ug/l	83
83) tert-Butylbenzene	13.326	119	1122098	46.130	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1266984	47.379	ug/l	90
85) sec-Butylbenzene	13.503	105	1477418	46.127	ug/l	91
86) p-Isopropyltoluene	13.618	119	1265669	47.873	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	748429	47.050	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	730284	45.317	ug/l	91
89) n-Butylbenzene	13.946	91	904704	45.873	ug/l	95
90) Hexachloroethane	14.214	117	228978	46.679	ug/l	66
91) 1,2-Dichlorobenzene	13.991	146	713987	47.143	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	65864	42.820	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.265	180	320411	40.860	ug/l	96
94) Hexachlorobutadiene	15.372	225	182034	44.380	ug/l	97
95) Naphthalene	15.507	128	745174	40.549	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	301919	40.603	ug/l	96

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

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