

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066774.D
 Acq On : 27 Apr 2021 11:39
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 4/28/2021 2:38:35 PM

Quant Time: Apr 27 12:45:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 12:43:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	318752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	521737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	464694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	205769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	75976	19.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.60%#		
35) Dibromofluoromethane	7.516	113	58558	17.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.90%#		
50) Toluene-d8	10.029	98	231995	18.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.56%#		
62) 4-Bromofluorobenzene	12.346	95	75529	17.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.90%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	65715	18.36	ug/l	98
3) Chloromethane	2.037	50	82507	16.36	ug/l	99
4) Vinyl Chloride	2.163	62	83369	18.41	ug/l	99
5) Bromomethane	2.517	94	54272	20.88	ug/l	96
6) Chloroethane	2.659	64	53337	19.87	ug/l	99
7) Trichlorofluoromethane	2.973	101	100405	20.23	ug/l	98
8) Diethyl Ether	3.359	74	41080	19.54	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.697	101	58972	19.10	ug/l	99
10) Methyl Iodide	3.887	142	90805	18.75	ug/l	98
11) Tert butyl alcohol	4.703	59	54880	105.51	ug/l	99
12) 1,1-Dichloroethene	3.675	96	59942	19.20	ug/l	94
13) Acrolein	3.549	56	46865	86.19	ug/l	97
14) Allyl chloride	4.249	41	109514	18.42	ug/l	96
15) Acrylonitrile	4.896	53	154562	91.38	ug/l	99
16) Acetone	3.753	43	128219	86.81	ug/l	95
17) Carbon Disulfide	3.986	76	182717	18.36	ug/l	98
18) Methyl Acetate	4.252	43	74456	18.29	ug/l	98
19) Methyl tert-butyl Ether	4.955	73	204695	19.99	ug/l	96
20) Methylene Chloride	4.472	84	71453	16.50	ug/l	94
21) trans-1,2-Dichloroethene	4.955	96	65294	19.10	ug/l	91
22) Diisopropyl ether	5.864	45	227205	18.88	ug/l	92
23) Vinyl Acetate	5.805	43	942594	96.52	ug/l	97
24) 1,1-Dichloroethane	5.759	63	125489	18.71	ug/l	98
25) 2-Butanone	6.746	43	196370	93.03	ug/l	96
26) 2,2-Dichloropropane	6.733	77	104712	18.94	ug/l	98
27) cis-1,2-Dichloroethene	6.744	96	74468	18.80	ug/l	95
28) Bromochloromethane	7.114	49	57161	18.26	ug/l	91
29) Tetrahydrofuran	7.127	42	136837	94.20	ug/l	96
30) Chloroform	7.291	83	122378	19.41	ug/l	98
31) Cyclohexane	7.578	56	113892	17.96	ug/l	96
32) 1,1,1-Trichloroethane	7.492	97	102977	19.49	ug/l	97
36) 1,1-Dichloropropene	7.717	75	88328	18.24	ug/l	99
37) Ethyl Acetate	6.843	43	89389	17.44	ug/l	99
38) Carbon Tetrachloride	7.701	117	85228	18.44	ug/l	99
39) Methylcyclohexane	9.015	83	107727	18.76	ug/l	96
40) Benzene	7.969	78	285225	18.40	ug/l	100

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41) Methacrylonitrile	7.106	41	47920m	21.06	ug/l	
42) 1,2-Dichloroethane	8.052	62	95044	18.98	ug/l	99
43) Isopropyl Acetate	8.093	43	151298	18.54	ug/l #	88
44) Trichloroethene	8.768	130	68572	18.52	ug/l	98
45) 1,2-Dichloropropane	9.053	63	75169	17.88	ug/l	99
46) Dibromomethane	9.144	93	46624	18.86	ug/l	98
47) Bromodichloromethane	9.337	83	96435	18.55	ug/l	99
48) Methyl methacrylate	9.136	41	65410	18.27	ug/l	96
49) 1,4-Dioxane	9.139	88	18908	417.70	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	421908	92.52	ug/l	97
52) Toluene	10.093	92	172465	18.92	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	102873	18.71	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	116598	18.68	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	66134	18.31	ug/l	97
56) Ethyl methacrylate	10.372	69	89136	19.05	ug/l	94
57) 1,3-Dichloropropane	10.646	76	112481	18.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	95534	117.14	ug/l	96
59) 2-Hexanone	10.694	43	253897	95.55	ug/l	97
60) Dibromochloromethane	10.842	129	71455	18.54	ug/l	100
61) 1,2-Dibromoethane	10.946	107	67018	18.82	ug/l	99
64) Tetrachloroethene	10.571	164	57618	17.74	ug/l	99
65) Chlorobenzene	11.375	112	176423	18.71	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.450	131	67150	19.56	ug/l	100
67) Ethyl Benzene	11.453	91	315282	19.43	ug/l	97
68) m/p-Xylenes	11.566	106	234442	38.82	ug/l	96
69) o-Xylene	11.890	106	114723	19.28	ug/l	99
70) Styrene	11.909	104	175218	19.32	ug/l	99
71) Bromoform	12.073	173	47082	18.12	ug/l #	96
73) Isopropylbenzene	12.193	105	301088	20.39	ug/l	99
74) N-amyl acetate	12.035	43	28061m	7.87	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.448	83	96425	19.32	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	82146m	18.49	ug/l	
77) Bromobenzene	12.470	156	73222	19.31	ug/l	99
78) n-propylbenzene	12.537	91	329210	20.07	ug/l	99
79) 2-Chlorotoluene	12.620	91	204842	20.36	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	250241	20.03	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.250	75	21340	16.72	ug/l	96
82) 4-Chlorotoluene	12.719	91	199164	19.83	ug/l	99
83) tert-Butylbenzene	12.936	119	212927	19.12	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	233670	19.56	ug/l	98
85) sec-Butylbenzene	13.116	105	277087	19.80	ug/l	99
86) p-Isopropyltoluene	13.234	119	234869	20.13	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	120922	18.96	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	120839	17.70	ug/l	99
89) n-Butylbenzene	13.561	91	186982	17.91	ug/l	99
90) Hexachloroethane	13.813	117	45504	17.55	ug/l	94
91) 1,2-Dichlorobenzene	13.599	146	123051	18.88	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	15100	16.84	ug/l	93
93) 1,2,4-Trichlorobenzene	14.854	180	65220	16.02	ug/l	96
94) Hexachlorobutadiene	14.948	225	36802	18.26	ug/l	98
95) Naphthalene	15.074	128	166485	15.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.253	180	63196	15.79	ug/l	99

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

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