Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
Data File : VN066615.D
Acq On : 15 Apr 2021 16:43
Operator : JC/MD
Sample : VN0415WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 16 07:52:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBSD01

Manual Integrations APPROVED
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4/16/2021 5:22:10 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.588	168	197993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	326536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	309469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	135060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	141739	47.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.90%			
35) Dibromofluoromethane	7.511	113	108070	47.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.44%			
50) Toluene-d8	10.029	98	420833	47.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.84%			
62) 4-Bromofluorobenzene	12.346	95	147587	47.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	44246	18.40	ug/l	98
3) Chloromethane	2.031	50	62372	17.78	ug/l	99
4) Vinyl Chloride	2.160	62	56688	18.56	ug/l	99
5) Bromomethane	2.487	94	35941	18.90	ug/l	95
6) Chloroethane	2.643	64	32335	17.66	ug/l	98
7) Trichlorofluoromethane	2.962	101	62379	17.63	ug/l	98
8) Diethyl Ether	3.353	74	27152	18.78	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.689	101	38212	18.29	ug/l	97
10) Methyl Iodide	3.882	142	55544	19.14	ug/l	99
11) Tert butyl alcohol	4.713	59	49546	103.35	ug/l	97
12) 1,1-Dichloroethene	3.667	96	38539	18.84	ug/l	91
13) Acrolein	3.544	56	23966	93.81	ug/l	99
14) Allyl chloride	4.241	41	81195	92.08	ug/l	94
15) Acrylonitrile	4.893	53	130976	99.26	ug/l	99
16) Acetone	3.753	43	107119	95.06	ug/l	96
17) Carbon Disulfide	3.976	76	118433	17.17	ug/l	99
18) Methyl Acetate	4.249	43	62652	19.47	ug/l	93
19) Methyl tert-butyl Ether	4.952	73	140454	19.39	ug/l	94
20) Methylene Chloride	4.466	84	50019	17.72	ug/l	93
21) trans-1,2-Dichloroethene	4.949	96	41921	18.20	ug/l	90
22) Diisopropyl ether	5.861	45	168801	19.29	ug/l	90
23) Vinyl Acetate	5.802	43	707977	96.89	ug/l	96
24) 1,1-Dichloroethane	5.754	63	86810	18.22	ug/l	98
25) 2-Butanone	6.746	43	169663	96.36	ug/l	92
26) 2,2-Dichloropropane	6.733	77	67971	18.00	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	50235	18.82	ug/l	91
28) Bromochloromethane	7.108	49	44244	17.91	ug/l	83
29) Tetrahydrofuran	7.130	42	118465	99.98	ug/l	91
30) Chloroform	7.288	83	83945	18.73	ug/l	97
31) Cyclohexane	7.575	56	76377	17.78	ug/l	96
32) 1,1,1-Trichloroethane	7.489	97	68727	18.57	ug/l	97
36) 1,1-Dichloropropene	7.714	75	60395	18.35	ug/l	98
37) Ethyl Acetate	6.843	43	75001	20.10	ug/l	97
38) Carbon Tetrachloride	7.696	117	56695	18.39	ug/l	97
39) Methylcyclohexane	9.012	83	69459	18.53	ug/l	92
40) Benzene	7.966	78	195816	18.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.081	41	26933	15.77	ug/l	#	100
42) 1,2-Dichloroethane	8.050	62	68736	18.99	ug/l		98
43) Isopropyl Acetate	8.092	43	121018	19.41	ug/l	#	87
44) Trichloroethene	8.768	130	45411	18.65	ug/l		96
45) 1,2-Dichloropropane	9.053	63	54648	18.62	ug/l		99
46) Dibromomethane	9.141	93	33092	18.80	ug/l		97
47) Bromodichloromethane	9.340	83	67783	18.76	ug/l		99
48) Methyl methacrylate	9.136	41	54754	19.53	ug/l		92
49) 1,4-Dioxane	9.136	88	18430	378.68	ug/l		92
51) 4-Methyl-2-Pentanone	9.922	43	364284	99.31	ug/l		95
52) Toluene	10.093	92	117768	18.96	ug/l		99
53) t-1,3-Dichloropropene	10.324	75	73623	18.87	ug/l		98
54) cis-1,3-Dichloropropene	9.777	75	80650	18.76	ug/l		92
55) 1,1,2-Trichloroethane	10.501	97	48475	18.89	ug/l		97
56) Ethyl methacrylate	10.372	69	69433	18.93	ug/l		90
57) 1,3-Dichloropropane	10.648	76	82033	19.07	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.635	63	55776	94.54	ug/l		93
59) 2-Hexanone	10.694	43	237189	93.85	ug/l		95
60) Dibromochloromethane	10.842	129	50780	18.97	ug/l		100
61) 1,2-Dibromoethane	10.946	107	48957	19.42	ug/l		100
64) Tetrachloroethene	10.571	164	40033	18.59	ug/l		99
65) Chlorobenzene	11.373	112	124153	18.44	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.450	131	46220	18.92	ug/l		99
67) Ethyl Benzene	11.453	91	219889	18.77	ug/l		97
68) m/p-Xylenes	11.566	106	166654	38.97	ug/l		100
69) o-Xylene	11.890	106	82687	19.82	ug/l		99
70) Styrene	11.912	104	127043	19.54	ug/l		98
71) Bromoform	12.073	173	36714	19.92	ug/l	#	99
73) Isopropylbenzene	12.193	105	211251	20.54	ug/l		99
74) N-amyl acetate	12.032	43	21222	15.26	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.451	83	78669	20.55	ug/l		98
76) 1,2,3-Trichloropropane	12.499	75	65599m	20.77	ug/l		
77) Bromobenzene	12.469	156	53512	21.09	ug/l		92
78) n-propylbenzene	12.537	91	236506	19.89	ug/l		97
79) 2-Chlorotoluene	12.617	91	148421	20.41	ug/l		98
80) 1,3,5-Trimethylbenzene	12.679	105	176669	20.36	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.247	75	18169	19.39	ug/l		94
82) 4-Chlorotoluene	12.719	91	143226	20.01	ug/l		97
83) tert-Butylbenzene	12.936	119	148071	20.28	ug/l		99
84) 1,2,4-Trimethylbenzene	12.984	105	165023	20.14	ug/l		99
85) sec-Butylbenzene	13.116	105	192215	19.48	ug/l		99
86) p-Isopropyltoluene	13.234	119	162937	20.12	ug/l		99
87) 1,3-Dichlorobenzene	13.228	146	86092	19.19	ug/l		99
88) 1,4-Dichlorobenzene	13.306	146	86125	18.90	ug/l		98
89) n-Butylbenzene	13.561	91	128739	18.99	ug/l		98
90) Hexachloroethane	13.816	117	34788	19.42	ug/l		96
91) 1,2-Dichlorobenzene	13.599	146	85043	19.12	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.221	75	12519	19.26	ug/l		85
93) 1,2,4-Trichlorobenzene	14.854	180	47822	19.09	ug/l		98
94) Hexachlorobutadiene	14.950	225	25451	17.98	ug/l		98
95) Naphthalene	15.074	128	131564	19.08	ug/l		99
96) 1,2,3-Trichlorobenzene	15.251	180	47394	18.41	ug/l		98

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

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