Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011444.D
Acq On : 15 Aug 2020 01:58
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Manual Integrations APPROVED
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8/18/2020 1:48:36 PM

Quant Time: Aug 17 02:36:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	184661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	640856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	431277	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	920257	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	900439	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	904840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	28150	7.32	ng/uL	0.00
5) Phenol-d5	6.64	99	264448	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	134565	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	240687	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	194323	18.33	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	99544	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	123069	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	221895	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	246884	19.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	626412	18.65	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	772265	19.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	107068	18.82	ng/ul	0.00
58) Fluorene-d10	15.07	176	538171	18.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	104052	17.05	ng/ul	0.00
71) Anthracene-d10	16.93	188	871349	19.82	ng/ul	0.00
79) Pyrene-d10	19.23	212	880349	19.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	949582	18.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	33757	6.808	ng/uL	94
4) Benzaldehyde	6.60	77	165883	19.475	ng/ul	96
6) Phenol	6.67	94	274777	20.639	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	224615	21.285	ng/ul	94
10) 2-Chlorophenol	7.01	128	244485	20.244	ng/ul	97
11) 2-Methylphenol	7.89	108	192227	18.337	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.96	45	112194	19.560	ng/ul	98
14) Acetophenone	8.25	105	302096	17.621	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	142621	19.202	ng/ul	99
16) 4-Methylphenol	8.21	108	203736	18.355	ng/ul	98
17) Hexachloroethane	8.49	117	97492	17.459	ng/ul	95
20) Nitrobenzene	8.62	77	234937	19.354	ng/ul	99
21) Isophorone	9.14	82	451966	21.158	ng/ul	98
23) 2-Nitrophenol	9.32	139	133481	21.427	ng/ul	94
24) 2,4-Dimethylphenol	9.39	107	248835	21.130	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	258600	20.409	ng/ul	96
27) 2,4-Dichlorophenol	9.85	162	214942	20.049	ng/ul	97
28) Naphthalene	10.23	128	684142	19.129	ng/ul	98
30) 4-Chloroaniline	10.35	127	246778	19.541	ng/ul	98
31) Hexachlorobutadiene	10.52	225	160437	18.375	ng/ul	97
32) Caprolactam	11.13	113	61194m	22.345	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	226289	22.230	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	509644	20.789	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	503831	20.966 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	292411	19.371 ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	153489	14.839 ng/ul	95
39) 2,4,6-Trichlorophenol	12.49	196	180267	20.404 ng/ul	97
40) 2,4,5-Trichlorophenol	12.56	196	189107	19.712 ng/ul	94
41) 1,1'-Biphenyl	12.89	154	658279	19.018 ng/ul	97
42) 2-Chloronaphthalene	12.93	162	540402	19.295 ng/ul	97
43) 2-Nitroaniline	13.15	65	116915	21.230 ng/ul	96
45) Dimethylphthalate	13.55	163	651835	18.910 ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	136806	20.270 ng/ul	96
48) Acenaphthylene	13.79	152	793557	18.958 ng/ul	99
49) 3-Nitroaniline	13.99	138	119006	19.274 ng/ul	98
50) Acenaphthene	14.13	153	556178	18.981 ng/ul	97
51) 2,4-Dinitrophenol	14.20	184	65975	16.366 ng/ul	98
53) 4-Nitrophenol	14.32	109	100380	18.510 ng/ul	90
54) Dibenzofuran	14.47	168	789279	18.574 ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	193528	19.937 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.71	232	164837	20.580 ng/ul	98
57) Diethylphthalate	14.93	149	641071	18.695 ng/ul	99
59) Fluorene	15.13	166	644695	18.823 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.13	204	332854	18.625 ng/ul	97
61) 4-Nitroaniline	15.16	138	133334m	21.084 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	111223	16.816 ng/ul#	90
65) N-Nitrosodiphenylamine	15.35	169	533394	19.377 ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	182746	17.457 ng/ul	92
67) Hexachlorobenzene	16.14	284	213252	18.302 ng/ul	99
68) Atrazine	16.32	200	196045	18.288 ng/ul	100
69) Pentachlorophenol	16.49	266	120675	18.068 ng/ul#	77
70) Phenanthrene	16.87	178	1044925	19.144 ng/ul	98
72) Anthracene	16.96	178	1061673	19.204 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	275931	18.882 ng/uL	97
74) Pentachlorobenzene	14.40	250	269285	19.230 ng/uL	96
75) Carbazole	17.24	167	825403	17.753 ng/ul	99
76) Di-n-butylphthalate	17.82	149	992662	18.780 ng/ul	99
77) Fluoranthene	18.90	202	1125545	16.852 ng/ul	98
80) Pyrene	19.26	202	1201654	18.964 ng/ul	99
81) Butylbenzylphthalate	20.20	149	507783	23.754 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	384437	21.409 ng/ul	98
83) Benzo(a)anthracene	21.03	228	1122077	18.731 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	690266	21.413 ng/ul	97
85) Chrysene	21.08	228	1106554	18.596 ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1190594	20.124 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1153753	18.239 ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	1144529	18.217 ng/ul	95
91) Benzo(a)pyrene	23.06	252	1066566	18.299 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.21	276	1347625	18.040 ng/ul	94
93) Dibenzo(a,h)anthracene	25.22	278	1139515	18.220 ng/ul	98
94) Benzo(g,h,i)perylene	25.83	276	1115622	18.014 ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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