Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010057.D
Acq On : 03 Mar 2020 11:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02076

Manual Integrations APPROVED
mohammad
3/4/2020 7:51:10 AM

Quant Time: Mar 03 12:34:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	76672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	287859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	192794	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	446138	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	502360	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	540090	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	16814m	9.02	ng/uL	0.00
5) Phenol-d5	6.58	99	131621	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	90647	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	99694	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	97482	18.79	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	39485	18.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	47643	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	92276	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	114201	22.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	318698	22.13	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	327518	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	49216	18.71	ng/ul	0.00
58) Fluorene-d10	15.01	176	261114	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	40009	14.44	ng/ul	0.00
71) Anthracene-d10	16.86	188	417255	20.40	ng/ul	0.00
79) Pyrene-d10	19.17	212	523364	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	532698	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	17546	8.193	ng/uL	92
4) Benzaldehyde	6.54	77	56696	13.073	ng/ul	90
6) Phenol	6.60	94	139879	20.015	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.82	93	104795	19.079	ng/ul	91
10) 2-Chlorophenol	6.94	128	107297	20.747	ng/ul	98
11) 2-Methylphenol	7.82	108	98604	19.281	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.90	45	290919m	21.605	ng/ul	
14) Acetophenone	8.18	105	171941	20.340	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.18	70	94953	21.497	ng/ul	90
16) 4-Methylphenol	8.15	108	109568	19.526	ng/ul	95
17) Hexachloroethane	8.40	117	38973	16.564	ng/ul	94
20) Nitrobenzene	8.55	77	121738	19.618	ng/ul	97
21) Isophorone	9.08	82	216055	19.783	ng/ul	98
23) 2-Nitrophenol	9.25	139	52243	20.266	ng/ul	93
24) 2,4-Dimethylphenol	9.33	107	114735	20.499	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.56	93	127517	19.104	ng/ul	97
27) 2,4-Dichlorophenol	9.78	162	92650	20.734	ng/ul	95
28) Naphthalene	10.16	128	304036	19.586	ng/ul	99
30) 4-Chloroaniline	10.29	127	122833	24.105	ng/ul	100
31) Hexachlorobutadiene	10.45	225	64296	21.516	ng/ul	94
32) Caprolactam	11.08	113	32697m	21.819	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	122536	23.982	ng/ul	96
34) 2-Methylnaphthalene	11.78	142	219510	20.365	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	239837	22.199 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	125590	21.977 ng/ul	97
38) Hexachlorocyclopentadiene	12.14	237	23050	9.323 ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	83593	23.048 ng/ul	97
40) 2,4,5-Trichlorophenol	12.50	196	83979	21.583 ng/ul	99
41) 1,1'-Biphenyl	12.83	154	283772	19.164 ng/ul	98
42) 2-Chloronaphthalene	12.86	162	219617	18.675 ng/ul	96
43) 2-Nitroaniline	13.10	65	93087	21.645 ng/ul	96
45) Dimethylphthalate	13.48	163	299984	19.964 ng/ul	98
46) 2,6-Dinitrotoluene	13.61	165	64422	21.900 ng/ul	93
48) Acenaphthylene	13.72	152	345145	18.802 ng/ul	99
49) 3-Nitroaniline	13.94	138	56539	20.818 ng/ul	87
50) Acenaphthene	14.07	153	243969	19.387 ng/ul	96
51) 2,4-Dinitrophenol	14.18	184	25259	14.957 ng/ul	94
53) 4-Nitrophenol	14.27	109	49964	21.054 ng/ul#	85
54) Dibenzofuran	14.41	168	400868	22.695 ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	99404	22.801 ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.65	232	74223	22.187 ng/ul	98
57) Diethylphthalate	14.86	149	345749	22.408 ng/ul	97
59) Fluorene	15.07	166	325703	21.972 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.07	204	156086	21.350 ng/ul	92
61) 4-Nitroaniline	15.12	138	61219m	18.485 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	46261	15.495 ng/ul	94
65) N-Nitrosodiphenylamine	15.29	169	253164	19.125 ng/ul	96
66) 4-Bromophenyl-phenylether	15.97	248	79536	17.817 ng/ul	95
67) Hexachlorobenzene	16.08	284	86210	17.452 ng/ul	97
68) Atrazine	16.26	200	86822	17.290 ng/ul	93
69) Pentachlorophenol	16.43	266	44278	15.511 ng/ul	94
70) Phenanthrene	16.81	178	499783	19.629 ng/ul	100
72) Anthracene	16.90	178	529700	20.351 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	111524	17.110 ng/uL	97
74) Pentachlorobenzene	14.34	250	122588	19.503 ng/uL	97
75) Carbazole	17.19	167	461904	20.152 ng/ul	97
76) Di-n-butylphthalate	17.76	149	576621	20.382 ng/ul	98
77) Fluoranthene	18.84	202	656017	21.996 ng/ul	99
80) Pyrene	19.20	202	710111	19.607 ng/ul	99
81) Butylbenzylphthalate	20.14	149	313499	21.056 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.92	252	191923	17.522 ng/ul	99
83) Benzo(a)anthracene	20.97	228	720567	20.872 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	450053	19.799 ng/ul	98
85) Chrysene	21.03	228	684721	20.147 ng/ul	100
87) Di-n-octyl phthalate	21.78	149	762627	18.656 ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	695247	19.854 ng/ul	97
89) Benzo(k)fluoranthene	22.51	252	653941	19.723 ng/ul	97
91) Benzo(a)pyrene	23.00	252	646567	20.529 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	696625	18.630 ng/ul	95
93) Dibenzo(a,h)anthracene	25.12	278	631169	19.731 ng/ul	100
94) Benzo(g,h,i)perylene	25.73	276	559261	17.837 ng/ul	97

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

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