Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119629.D
Acq On : 30 Mar 2020 13:05
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/31/2020 3:16:27 PM

Quant Time: Mar 30 13:54:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	392095	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1382066	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	728628	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1449275	20.00	ng		0.00
76) Chrysene-d12	14.02	240	1032285	20.00	ng		0.00
87) Perylene-d12	15.48	264	1014562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1815077	73.69	ng		0.00
7) Phenol-d6	6.46	99	2357848	74.94	ng		0.00
23) Nitrobenzene-d5	7.40	82	2142662	84.26	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	694453	92.38	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3479213	70.74	ng		0.00
79) Terphenyl-d14	12.96	244	3930504	74.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	432958	35.591	ng		96
3) Pyridine	3.30	79	1080804	32.250	ng		97
4) n-Nitrosodimethylamine	3.26	42	510737	31.251	ng		98
6) Aniline	6.50	93	1646917	37.926	ng		99
8) 2-Chlorophenol	6.62	128	1016233	39.284	ng		99
9) Benzaldehyde	6.38	77	665084	33.321	ng		99
10) Phenol	6.48	94	1371842	40.862	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	1062143	39.557	ng		98
12) 1,3-Dichlorobenzene	6.77	146	1084431	38.732	ng		97
13) 1,4-Dichlorobenzene	6.86	146	1090396	38.936	ng		99
14) 1,2-Dichlorobenzene	7.01	146	1017953	38.888	ng		98
15) Benzyl Alcohol	6.98	79	899835	38.020	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1978944	36.539	ng		98
17) 2-Methylphenol	7.09	107	926500	39.090	ng		99
18) Hexachloroethane	7.35	117	414480	40.386	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	740329	39.037	ng		98
20) 3+4-Methylphenols	7.25	107	1087638	37.443	ng	#	86
22) Acetophenone	7.25	105	1299189	39.341	ng		97
24) Nitrobenzene	7.42	77	1110807	40.873	ng		99
25) Isophorone	7.66	82	2157842	41.830	ng		99
26) 2-Nitrophenol	7.74	139	552169	51.602	ng		88
27) 2,4-Dimethylphenol	7.77	122	863197	39.013	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	1222434	40.074	ng		99
29) 2,4-Dichlorophenol	7.98	162	812966	39.988	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	899701	40.016	ng		99
31) Naphthalene	8.15	128	2742243	38.556	ng		100
32) Benzoic acid	7.90	122	702989	49.392	ng		95
33) 4-Chloroaniline	8.19	127	1259053	38.633	ng		99
34) Hexachlorobutadiene	8.26	225	520270	41.358	ng		99
35) Caprolactam	8.57	113	249567m	37.509	ng		
36) 4-Chloro-3-methylphenol	8.67	107	849087	38.213	ng		99
37) 2-Methylnaphthalene	8.84	142	1801743	38.600	ng		99
38) 1-Methylnaphthalene	8.94	142	1700523	38.490	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	820021	38.396	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	496089	40.859 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	588266	38.491 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	673864	39.359 ng	95
46) 1,1'-Biphenyl	9.30	154	2229305	37.566 ng	99
47) 2-Chloronaphthalene	9.33	162	1734529	37.314 ng	99
48) 2-Nitroaniline	9.42	65	644516	40.170 ng	98
49) Acenaphthylene	9.75	152	2671034	36.591 ng	100
50) Dimethylphthalate	9.61	163	2001732	38.677 ng	99
51) 2,6-Dinitrotoluene	9.67	165	458698	41.349 ng	99
52) Acenaphthene	9.92	154	1883185	41.382 ng	100
53) 3-Nitroaniline	9.84	138	550889	39.335 ng	93
54) 2,4-Dinitrophenol	9.94	184	274362	59.234 ng	95
55) Dibenzofuran	10.09	168	2575358	39.472 ng	99
56) 4-Nitrophenol	9.99	139	469632	42.507 ng	90
57) 2,4-Dinitrotoluene	10.07	165	659659	47.204 ng	99
58) Fluorene	10.43	166	1943542	40.282 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	568374	44.413 ng	98
60) Diethylphthalate	10.31	149	2257862	42.984 ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	997158	42.263 ng	97
62) 4-Nitroaniline	10.45	138	588325	43.807 ng	96
63) Azobenzene	10.59	77	2152273	40.688 ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	347869	57.242 ng	91
66) n-Nitrosodiphenylamine	10.54	169	1847658	38.835 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	676638	40.995 ng	99
68) Hexachlorobenzene	10.98	284	688109	40.733 ng	100
69) Atrazine	11.07	200	550865	42.233 ng	97
70) Pentachlorophenol	11.17	266	433690	43.784 ng	97
71) Phenanthrene	11.40	178	2839604	37.786 ng	100
72) Anthracene	11.45	178	2877084	37.670 ng	99
73) Carbazole	11.60	167	2820885	37.314 ng	100
74) Di-n-butylphthalate	11.93	149	3450975	42.673 ng	98
75) Fluoranthene	12.59	202	3083272	37.911 ng	98
77) Benzidine	12.71	184	1531306	35.052 ng	100
78) Pyrene	12.82	202	3132462	36.975 ng	99
80) Butylbenzylphthalate	13.44	149	1530220	44.659 ng	99
81) Benzo(a)anthracene	14.01	228	2464178	36.709 ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	1019368	38.514 ng	98
83) Chrysene	14.04	228	2560448	36.959 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1942242	47.550 ng	97
85) Di-n-octyl phthalate	14.62	149	3483750	48.495 ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2436492	37.343 ng	98
88) Benzo(b)fluoranthene	15.06	252	2556878	37.727 ng	97
89) Benzo(k)fluoranthene	15.09	252	2440619	37.819 ng	97
90) Benzo(a)pyrene	15.42	252	2323529	37.725 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	2001338	37.150 ng	98
92) Benzo(g,h,i)perylene	17.40	276	1960852	36.231 ng	96

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

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