Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122781.D
Acq On : 18 Dec 2020 12:27
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
12/21/2020 10:42:20 AM

Quant Time: Dec 18 14:02:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	177688	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	656640	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	348385	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	642765	20.00	ng	0.00
76) Chrysene-d12	13.986	240	528126	20.00	ng	0.00
86) Perylene-d12	15.445	264	497401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774648	69.02	ng	0.00
7) Phenol-d6	6.457	99	1017478	68.35	ng	0.00
23) Nitrobenzene-d5	7.386	82	886418	67.63	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	315837	69.26	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1580339	61.36	ng	0.00
79) Terphenyl-d14	12.933	244	1887267	62.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	187905	35.62	ng	97
3) Pyridine	3.293	79	496557	35.61	ng	98
4) n-Nitrosodimethylamine	3.257	42	184624	33.02	ng	99
6) Aniline	6.481	93	611509	34.90	ng	100
8) 2-Chlorophenol	6.604	128	426042	34.44	ng	99
9) Benzaldehyde	6.369	77	267200	29.66	ng	99
10) Phenol	6.469	94	526695	34.15	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	407547	34.59	ng	97
12) 1,3-Dichlorobenzene	6.757	146	499312	34.11	ng	97
13) 1,4-Dichlorobenzene	6.839	146	499865	33.87	ng	99
14) 1,2-Dichlorobenzene	6.992	146	461374	32.38	ng	99
15) Benzyl Alcohol	6.963	79	342076	33.38	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	542204	32.27	ng	98
17) 2-Methylphenol	7.075	107	349140	35.50	ng	98
18) Hexachloroethane	7.334	117	176467	33.55	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	275622	32.33	ng	98
20) 3+4-Methylphenols	7.228	107	406713	32.74	ng	98
22) Acetophenone	7.234	105	528740	32.38	ng	99
24) Nitrobenzene	7.404	77	438333	33.62	ng	99
25) Isophorone	7.645	82	744844	33.00	ng	98
26) 2-Nitrophenol	7.722	139	231142	36.35	ng	92
27) 2,4-Dimethylphenol	7.757	122	318591	34.18	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	512965	33.18	ng	98
29) 2,4-Dichlorophenol	7.963	162	372445	34.22	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	409797	33.23	ng	99
31) Naphthalene	8.128	128	1217264	33.59	ng	100
32) Benzoic acid	7.898	122	264273	35.59	ng	99
33) 4-Chloroaniline	8.175	127	513894	33.93	ng	99
34) Hexachlorobutadiene	8.245	225	249939	32.93	ng	99
35) Caprolactam	8.551	113	118307m	36.09	ng	
36) 4-Chloro-3-methylphenol	8.663	107	371876	34.69	ng	97
37) 2-Methylnaphthalene	8.816	142	801511	33.44	ng	98
38) 1-Methylnaphthalene	8.916	142	755902	33.34	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	388391	33.66	ng	99
41) Hexachlorocyclopentadiene	8.969	237	132952	26.06	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	263367	33.05	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	278674	33.83	ng		98
46) 1,1'-Biphenyl	9.280	154	968084	33.48	ng		99
47) 2-Chloronaphthalene	9.310	162	800038	33.40	ng		98
48) 2-Nitroaniline	9.404	65	240103	34.38	ng		97
49) Acenaphthylene	9.722	152	1202938	34.00	ng		99
50) Dimethylphthalate	9.586	163	945229	33.97	ng		100
51) 2,6-Dinitrotoluene	9.645	165	208212	35.43	ng		95
52) Acenaphthene	9.892	154	782364m	34.18	ng		
53) 3-Nitroaniline	9.816	138	238238	35.09	ng		94
54) 2,4-Dinitrophenol	9.928	184	112036	39.00	ng	#	89
55) Dibenzofuran	10.063	168	1070599	33.25	ng		100
56) 4-Nitrophenol	9.980	139	161124	33.28	ng		98
57) 2,4-Dinitrotoluene	10.051	165	278486	35.58	ng		96
58) Fluorene	10.410	166	820002	32.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	248812	34.38	ng		99
60) Diethylphthalate	10.280	149	906273	33.49	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	413373	32.78	ng		99
62) 4-Nitroaniline	10.433	138	253486	36.78	ng		91
63) Azobenzene	10.557	77	822737	33.07	ng		99
65) 4,6-Dinitro-2-methylph...	10.463	198	142565	36.37	ng		93
66) n-Nitrosodiphenylamine	10.522	169	755482	33.26	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	293177	33.66	ng		97
68) Hexachlorobenzene	10.957	284	326118	33.87	ng		99
69) Atrazine	11.045	200	241621	32.76	ng		99
70) Pentachlorophenol	11.151	266	167294	32.79	ng		99
71) Phenanthrene	11.369	178	1250377	32.73	ng		99
72) Anthracene	11.422	178	1266193	33.43	ng		99
73) Carbazole	11.574	167	1164689	33.90	ng		100
74) Di-n-butylphthalate	11.904	149	1400037	32.43	ng		99
75) Fluoranthene	12.557	202	1341507	33.49	ng		100
77) Benzidine	12.680	184	565077	49.47	ng		99
78) Pyrene	12.786	202	1350189	33.07	ng		100
80) Butylbenzylphthalate	13.404	149	600655	32.66	ng		97
81) Benzo(a)anthracene	13.974	228	1186418	33.61	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	436566	34.53	ng		98
83) Chrysene	14.015	228	1184849	33.73	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	788901	31.32	ng		99
85) Di-n-octyl phthalate	14.574	149	1306698	31.28	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1059327	32.45	ng		99
88) Benzo(b)fluoranthene	15.021	252	1121783	32.14	ng		99
89) Benzo(k)fluoranthene	15.051	252	1139859	35.72	ng		99
90) Benzo(a)pyrene	15.386	252	1033139	33.84	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	876528	32.80	ng		99
92) Benzo(g,h,i)perylene	17.327	276	824134	31.87	ng		99

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

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