Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125858.D
Acq On : 15 Oct 2021 11:25
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 15:01:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 15:00:46 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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10/19/2021 12:06:28 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	172488	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	671287	20.00	ng		# 0.00
39) Acenaphthene-d10	9.869	164	350364	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	604906	20.00	ng		0.00
76) Chrysene-d12	13.986	240	370229	20.00	ng		0.00
86) Perylene-d12	15.433	264	305818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	837434	79.31	ng		0.00
7) Phenol-d6	6.463	99	1089019	80.12	ng		0.00
23) Nitrobenzene-d5	7.398	82	879827	81.47	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	296144	85.61	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1671398	82.28	ng		0.00
79) Terphenyl-d14	12.933	244	1692653	69.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	177018	39.37	ng	#	100
3) Pyridine	3.322	79	469181	40.34	ng	#	72
4) n-Nitrosodimethylamine	3.275	42	164044	39.18	ng	#	1
6) Aniline	6.498	93	622751	39.79	ng		94
8) 2-Chlorophenol	6.622	128	457891	39.59	ng		98
9) Benzaldehyde	6.387	77	284512	38.57	ng		93
10) Phenol	6.481	94	566815	42.88	ng		88
11) bis(2-Chloroethyl)ether	6.575	93	411313	38.41	ng		94
12) 1,3-Dichlorobenzene	6.781	146	490857m	38.91	ng		
13) 1,4-Dichlorobenzene	6.851	146	492804	38.30	ng		98
14) 1,2-Dichlorobenzene	7.010	146	474080	39.34	ng		98
15) Benzyl Alcohol	6.975	79	358830	39.83	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	505319	36.89	ng		87
17) 2-Methylphenol	7.087	107	362266	39.35	ng		97
18) Hexachloroethane	7.351	117	169965	38.36	ng	#	89
19) n-Nitroso-di-n-propyla...	7.251	70	273418	38.11	ng	#	67
20) 3+4-Methylphenols	7.240	107	451249	39.74	ng		92
22) Acetophenone	7.245	105	572729	38.81	ng	#	91
24) Nitrobenzene	7.416	77	420015	40.13	ng		98
25) Isophorone	7.657	82	741769	38.77	ng		95
26) 2-Nitrophenol	7.734	139	245085	46.31	ng	#	93
27) 2,4-Dimethylphenol	7.769	122	350488	39.77	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	509551	38.37	ng		97
29) 2,4-Dichlorophenol	7.969	162	386308	40.69	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	402164	38.63	ng		98
31) Naphthalene	8.139	128	1285407	39.60	ng		98
32) Benzoic acid	7.881	122	230323	37.16	ng		99
33) 4-Chloroaniline	8.187	127	545286	40.14	ng		98
34) Hexachlorobutadiene	8.257	225	222304	38.23	ng		99
35) Caprolactam	8.557	113	122944	44.82	ng	#	78
36) 4-Chloro-3-methylphenol	8.663	107	386832	41.70	ng		100
37) 2-Methylnaphthalene	8.828	142	832130	39.59	ng		100
38) 1-Methylnaphthalene	8.928	142	811395	39.78	ng		97
40) 1,2,4,5-Tetrachloroben...	8.992	216	363102	38.61	ng		98
41) Hexachlorocyclopentadiene	8.986	237	155668	33.73	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	279053	40.95	ng		97

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44) 2,4,5-Trichlorophenol	9.139	196	292900	40.42	ng		94
46) 1,1'-Biphenyl	9.292	154	1002639	38.92	ng		98
47) 2-Chloronaphthalene	9.316	162	820976	39.25	ng		98
48) 2-Nitroaniline	9.410	65	224634	44.74	ng		89
49) Acenaphthylene	9.733	152	1243133	40.59	ng		99
50) Dimethylphthalate	9.592	163	929883	40.32	ng		99
51) 2,6-Dinitrotoluene	9.651	165	205940	44.17	ng	#	90
52) Acenaphthene	9.904	154	780676	40.80	ng		98
53) 3-Nitroaniline	9.822	138	252944	45.89	ng	#	97
54) 2,4-Dinitrophenol	9.922	184	102992	52.05	ng	#	77
55) Dibenzofuran	10.075	168	1151032	40.15	ng		95
56) 4-Nitrophenol	9.975	139	198366	48.27	ng	#	83
57) 2,4-Dinitrotoluene	10.051	165	276897	46.97	ng	#	84
58) Fluorene	10.416	166	849325	40.45	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	232290	42.47	ng	#	88
60) Diethylphthalate	10.286	149	899787	40.89	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	393050	38.87	ng	#	87
62) 4-Nitroaniline	10.433	138	248541	48.79	ng	#	71
63) Azobenzene	10.569	77	816301	39.46	ng		83
65) 4,6-Dinitro-2-methylph...	10.463	198	155819	51.64	ng	#	69
66) n-Nitrosodiphenylamine	10.528	169	780806	37.84	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	248028	37.02	ng		95
68) Hexachlorobenzene	10.963	284	288397	37.99	ng	#	88
69) Atrazine	11.051	200	242836	40.54	ng		94
70) Pentachlorophenol	11.157	266	172257	42.45	ng		93
71) Phenanthrene	11.375	178	1261799	38.99	ng		98
72) Anthracene	11.428	178	1276465	39.49	ng		99
73) Carbazole	11.580	167	1275456	42.40	ng		99
74) Di-n-butylphthalate	11.910	149	1347712	40.58	ng		99
75) Fluoranthene	12.563	202	1271525	43.54	ng		97
77) Benzidine	12.680	184	500078	36.91	ng		97
78) Pyrene	12.792	202	1289975	34.30	ng		96
80) Butylbenzylphthalate	13.404	149	501159	41.57	ng		95
81) Benzo(a)anthracene	13.974	228	933953	38.88	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	308453	40.64	ng		98
83) Chrysene	14.010	228	931812	39.25	ng		98
84) Bis(2-ethylhexyl)phtha...	13.969	149	566648	43.19	ng	#	99
85) Di-n-octyl phthalate	14.574	149	812090	37.16	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.880	276	861482	36.91	ng		97
88) Benzo(b)fluoranthene	15.015	252	759321	43.98	ng		98
89) Benzo(k)fluoranthene	15.045	252	739295	41.71	ng		98
90) Benzo(a)pyrene	15.374	252	633942	41.46	ng		97
91) Dibenzo(a,h)anthracene	16.898	278	703642	36.55	ng		98
92) Benzo(g,h,i)perylene	17.321	276	719108	36.57	ng		92

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

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