Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
Data File : BF122473.D
Acq On : 24 Nov 2020 18:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/25/2020 1:20:20 PM

Quant Time: Nov 24 18:29:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	176557	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	653704	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	349044	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	609312	20.00	ng		0.00
76) Chrysene-d12	14.027	240	400488	20.00	ng		0.00
86) Perylene-d12	15.492	264	417327	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	883990	76.88	ng		0.00
7) Phenol-d6	6.492	99	1144679	76.10	ng		0.00
23) Nitrobenzene-d5	7.422	82	944215	88.43	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	337801	90.17	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1760627	78.81	ng		0.00
79) Terphenyl-d14	12.969	244	1852524	97.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	181177	34.36	ng		89
3) Pyridine	3.334	79	505948	34.89	ng		91
4) n-Nitrosodimethylamine	3.281	42	213827m	31.28	ng		
6) Aniline	6.522	93	705173	35.73	ng		96
8) 2-Chlorophenol	6.645	128	468306	39.27	ng		90
9) Benzaldehyde	6.404	77	310499	38.55	ng		96
10) Phenol	6.510	94	596399	40.26	ng		93
11) bis(2-Chloroethyl)ether	6.592	93	448604	38.10	ng		93
12) 1,3-Dichlorobenzene	6.798	146	526503	38.89	ng		97
13) 1,4-Dichlorobenzene	6.875	146	533865	39.26	ng		98
14) 1,2-Dichlorobenzene	7.028	146	499224	39.34	ng		99
15) Benzyl Alcohol	6.998	79	414383	38.75	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	591477	34.47	ng		95
17) 2-Methylphenol	7.116	107	380657	38.25	ng		98
18) Hexachloroethane	7.375	117	184859	39.03	ng	#	91
19) n-Nitroso-di-n-propyla...	7.275	70	319716	35.57	ng		91
20) 3+4-Methylphenols	7.269	107	455230	37.17	ng		96
22) Acetophenone	7.269	105	618874	36.35	ng		92
24) Nitrobenzene	7.439	77	500494	40.97	ng		98
25) Isophorone	7.681	82	875295	36.77	ng		97
26) 2-Nitrophenol	7.757	139	249042	47.10	ng		97
27) 2,4-Dimethylphenol	7.798	122	409379	36.46	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	550222	37.79	ng		99
29) 2,4-Dichlorophenol	7.998	162	407545	41.00	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	438768	39.99	ng		97
31) Naphthalene	8.163	128	1343382	38.65	ng		99
32) Benzoic acid	7.916	122	288078	46.62	ng		99
33) 4-Chloroaniline	8.210	127	575995	38.05	ng		98
34) Hexachlorobutadiene	8.286	225	263837	41.84	ng		99
35) Caprolactam	8.586	113	124250	39.43	ng	#	81
36) 4-Chloro-3-methylphenol	8.698	107	416045	40.13	ng		93
37) 2-Methylnaphthalene	8.857	142	908455	39.57	ng		98
38) 1-Methylnaphthalene	8.957	142	846246	39.37	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	442221	41.12	ng		99
41) Hexachlorocyclopentadiene	9.010	237	165561	26.33	ng		96
43) 2,4,6-Trichlorophenol	9.133	196	295359	42.28	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	311496	42.54	ng		98
46) 1,1'-Biphenyl	9.322	154	1098123	39.52	ng		99
47) 2-Chloronaphthalene	9.345	162	872132	39.55	ng		98
48) 2-Nitroaniline	9.439	65	251285	39.30	ng		93
49) Acenaphthylene	9.763	152	1326014	39.12	ng		99
50) Dimethylphthalate	9.622	163	1012078	40.79	ng		99
51) 2,6-Dinitrotoluene	9.681	165	230811	42.29	ng		89
52) Acenaphthene	9.933	154	828933	39.51	ng		100
53) 3-Nitroaniline	9.851	138	238572	38.68	ng		95
54) 2,4-Dinitrophenol	9.957	184	74074	46.12	ng		92
55) Dibenzofuran	10.104	168	1213326	39.48	ng		100
56) 4-Nitrophenol	10.010	139	184669	37.23	ng		94
57) 2,4-Dinitrotoluene	10.086	165	296973	43.21	ng	#	83
58) Fluorene	10.451	166	926575	39.37	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	260919	42.85	ng		98
60) Diethylphthalate	10.322	149	989162	40.64	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	457022	41.14	ng		98
62) 4-Nitroaniline	10.463	138	225642	37.47	ng		97
63) Azobenzene	10.598	77	927684	36.33	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	125205	48.06	ng		93
66) n-Nitrosodiphenylamine	10.557	169	832883	40.12	ng		94
67) 4-Bromophenyl-phenylether	10.927	248	304176	42.48	ng		96
68) Hexachlorobenzene	10.998	284	323100	41.77	ng		95
69) Atrazine	11.086	200	213153	41.23	ng		96
70) Pentachlorophenol	11.186	266	178405	40.03	ng		97
71) Phenanthrene	11.410	178	1349833	39.05	ng		99
72) Anthracene	11.463	178	1399829	39.29	ng		99
73) Carbazole	11.616	167	1179989	36.40	ng		100
74) Di-n-butylphthalate	11.945	149	1488623	43.08	ng		100
75) Fluoranthene	12.598	202	1305825	36.18	ng		98
77) Benzidine	12.716	184	316264	28.47	ng		99
78) Pyrene	12.827	202	1273015	45.25	ng		100
80) Butylbenzylphthalate	13.445	149	540022	47.87	ng		96
81) Benzo(a)anthracene	14.016	228	1013330	40.68	ng		98
82) 3,3'-Dichlorobenzidine	13.980	252	399364	43.03	ng		99
83) Chrysene	14.051	228	1011676	40.33	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	745641	54.96	ng		99
85) Di-n-octyl phthalate	14.621	149	1150482	50.04	ng		96
87) Indeno(1,2,3-cd)pyrene	16.962	276	1198499	47.86	ng		99
88) Benzo(b)fluoranthene	15.068	252	1051067	38.89	ng		99
89) Benzo(k)fluoranthene	15.098	252	961798	36.49	ng		100
90) Benzo(a)pyrene	15.433	252	930991	39.51	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	994417	47.41	ng		99
92) Benzo(g,h,i)perylene	17.409	276	997016	48.88	ng		97

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

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