Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125723.D
Acq On : 30 Sep 2021 9:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/1/2021 11:28:38 AM

Quant Time: Sep 30 10:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	278541	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1075596	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	552382	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	907811	20.000	ng		0.00
76) Chrysene-d12	14.045	240	499955	20.000	ng		0.00
86) Perylene-d12	15.521	264	437838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1301058	76.957	ng		0.00
7) Phenol-d6	6.516	99	1718537	75.610	ng		0.00
23) Nitrobenzene-d5	7.457	82	1416093	91.831	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	456651	88.666	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2508257	80.953	ng		0.00
79) Terphenyl-d14	12.992	244	2343301	81.168	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	279228	38.809	ng	#	100
3) Pyridine	3.434	79	740886	38.931	ng	#	70
4) n-Nitrosodimethylamine	3.393	42	266842	37.789	ng	#	1
6) Aniline	6.557	93	988109	37.651	ng		93
8) 2-Chlorophenol	6.675	128	760181	39.640	ng		98
9) Benzaldehyde	6.440	77	433767	42.353	ng		93
10) Phenol	6.528	94	883520	38.455	ng		90
11) bis(2-Chloroethyl)ether	6.628	93	691813	38.746	ng		95
12) 1,3-Dichlorobenzene	6.834	146	812240m	38.357	ng		
13) 1,4-Dichlorobenzene	6.910	146	812768	37.726	ng		99
14) 1,2-Dichlorobenzene	7.063	146	762059	37.490	ng		100
15) Benzyl Alcohol	7.028	79	589773	37.408	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	857024	37.709	ng		88
17) 2-Methylphenol	7.140	107	605473	38.502	ng		96
18) Hexachloroethane	7.404	117	288503	41.256	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	464761	35.914	ng	#	68
20) 3+4-Methylphenols	7.292	107	731572	37.003	ng		97
22) Acetophenone	7.298	105	925676	37.927	ng	#	90
24) Nitrobenzene	7.475	77	728119	46.418	ng		94
25) Isophorone	7.710	82	1334948	38.655	ng		94
26) 2-Nitrophenol	7.787	139	398943	48.421	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	630212	41.032	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	778459	39.963	ng		98
29) 2,4-Dichlorophenol	8.028	162	643749	42.194	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	657487	39.587	ng		98
31) Naphthalene	8.198	128	2119155	38.372	ng		99
32) Benzoic acid	7.939	122	466066	42.592	ng		96
33) 4-Chloroaniline	8.239	127	876268	37.826	ng		99
34) Hexachlorobutadiene	8.316	225	362906	39.628	ng		98
35) Caprolactam	8.616	113	182181	36.591	ng	#	81
36) 4-Chloro-3-methylphenol	8.716	107	618953	38.715	ng		99
37) 2-Methylnaphthalene	8.886	142	1405480	37.523	ng		99
38) 1-Methylnaphthalene	8.986	142	1322050	37.347	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	580580	40.413	ng		99
41) Hexachlorocyclopentadiene	9.039	237	273943	45.069	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	447091	44.379	ng		97

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44) 2,4,5-Trichlorophenol	9.198	196	468776	43.098	ng		93
46) 1,1'-Biphenyl	9.351	154	1592368	39.094	ng		97
47) 2-Chloronaphthalene	9.375	162	1332953	39.527	ng		98
48) 2-Nitroaniline	9.463	65	348216	44.144	ng		93
49) Acenaphthylene	9.792	152	1944246	38.299	ng		97
50) Dimethylphthalate	9.651	163	1469017	39.477	ng		99
51) 2,6-Dinitrotoluene	9.710	165	346595	45.911	ng	#	86
52) Acenaphthene	9.963	154	1235066	38.803	ng		97
53) 3-Nitroaniline	9.875	138	371264	43.243	ng		89
54) 2,4-Dinitrophenol	9.981	184	136824	48.146	ng	#	68
55) Dibenzofuran	10.133	168	1814634	38.000	ng		96
56) 4-Nitrophenol	10.028	139	289349	42.211	ng	#	86
57) 2,4-Dinitrotoluene	10.110	165	443595	47.024	ng	#	82
58) Fluorene	10.475	166	1326064	35.676	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	358850	42.867	ng	#	89
60) Diethylphthalate	10.345	149	1401610	39.068	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	611012	36.983	ng		87
62) 4-Nitroaniline	10.492	138	344000	40.867	ng	#	71
63) Azobenzene	10.628	77	1317367	38.030	ng	#	84
65) 4,6-Dinitro-2-methylph...	10.516	198	217133	48.927	ng	#	76
66) n-Nitrosodiphenylamine	10.586	169	1219724	39.139	ng		94
67) 4-Bromophenyl-phenylether	10.957	248	390493	40.987	ng		95
68) Hexachlorobenzene	11.022	284	457220	40.890	ng	#	88
69) Atrazine	11.110	200	359503	43.507	ng		93
70) Pentachlorophenol	11.210	266	273768	46.325	ng		95
71) Phenanthrene	11.439	178	1920184	37.719	ng		97
72) Anthracene	11.486	178	1922078	38.210	ng		97
73) Carbazole	11.639	167	1845330	37.275	ng		99
74) Di-n-butylphthalate	11.969	149	2030192	40.677	ng		99
75) Fluoranthene	12.622	202	1897912	34.884	ng		95
77) Benzidine	12.739	184	654309	49.818	ng		97
78) Pyrene	12.851	202	1889920	41.829	ng		95
80) Butylbenzylphthalate	13.469	149	692489	46.282	ng		96
81) Benzo(a)anthracene	14.039	228	1341100	39.489	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	383003	39.085	ng		98
83) Chrysene	14.074	228	1309184	38.414	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	752537	43.935	ng	#	98
85) Di-n-octyl phthalate	14.639	149	1160516	46.195	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1326775	44.641	ng		98
88) Benzo(b)fluoranthene	15.092	252	1178096	38.405	ng		97
89) Benzo(k)fluoranthene	15.121	252	1098197	37.366	ng		97
90) Benzo(a)pyrene	15.457	252	1065091	39.006	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1112769	44.795	ng		98
92) Benzo(g,h,i)perylene	17.457	276	1145006	45.132	ng		94

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

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