Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124184.D
Acq On : 8 Jun 2021 17:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/9/2021 3:51:12 PM

Quant Time: Jun 08 18:08:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	53172	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	195998	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	115361	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	211825	20.000	ng		0.00
76) Chrysene-d12	14.033	240	131274	20.000	ng		0.00
86) Perylene-d12	15.515	264	99973	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	246785	69.867	ng		0.00
7) Phenol-d6	6.510	99	341808	71.992	ng		0.00
23) Nitrobenzene-d5	7.433	82	361817	73.216	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	120080	73.471	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	701314	76.500	ng		0.00
79) Terphenyl-d14	12.980	244	758540	79.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	59817	38.696	ng		90
3) Pyridine	3.398	79	145811m	36.831	ng		
4) n-Nitrosodimethylamine	3.369	42	86533	36.785	ng		95
6) Aniline	6.528	93	194129	35.798	ng	#	29
8) 2-Chlorophenol	6.657	128	141839	36.088	ng		96
9) Benzaldehyde	6.416	77	79599	37.717	ng		89
10) Phenol	6.522	94	184769	36.010	ng	#	66
11) bis(2-Chloroethyl)ether	6.604	93	136057	36.374	ng		86
12) 1,3-Dichlorobenzene	6.804	146	170068	37.014	ng		97
13) 1,4-Dichlorobenzene	6.880	146	172175	37.358	ng		97
14) 1,2-Dichlorobenzene	7.033	146	164534	37.319	ng		98
15) Benzyl Alcohol	7.010	79	159079	37.167	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	196464	33.668	ng		80
17) 2-Methylphenol	7.128	107	117901	36.901	ng	#	85
18) Hexachloroethane	7.375	117	68624	37.810	ng	#	85
19) n-Nitroso-di-n-propyla...	7.280	70	124190	37.054	ng		87
20) 3+4-Methylphenols	7.280	107	151324	35.745	ng		92
22) Acetophenone	7.275	105	213559	38.222	ng		97
24) Nitrobenzene	7.451	77	178875	36.081	ng		98
25) Isophorone	7.692	82	324831	36.477	ng		99
26) 2-Nitrophenol	7.763	139	83397	37.659	ng		95
27) 2,4-Dimethylphenol	7.804	122	116114	37.183	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	164479	37.256	ng		98
29) 2,4-Dichlorophenol	8.010	162	136925	37.894	ng		94
30) 1,2,4-Trichlorobenzene	8.086	180	151140	37.324	ng		96
31) Naphthalene	8.169	128	426462	36.393	ng		98
32) Benzoic acid	7.951	122	69348	36.191	ng		96
33) 4-Chloroaniline	8.216	127	164008	37.629	ng		99
34) Hexachlorobutadiene	8.286	225	105023	36.717	ng		99
35) Caprolactam	8.604	113	36030m	36.296	ng		
36) 4-Chloro-3-methylphenol	8.710	107	149157	37.729	ng		91
37) 2-Methylnaphthalene	8.863	142	312304	38.005	ng		99
38) 1-Methylnaphthalene	8.957	142	283817	36.959	ng		98
40) 1,2,4,5-Tetrachloroben...	9.027	216	154305	37.752	ng		98
41) Hexachlorocyclopentadiene	9.016	237	71969	37.042	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	104718	39.283	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	106458	37.201	ng		93
46) 1,1'-Biphenyl	9.327	154	371717	38.171	ng		98
47) 2-Chloronaphthalene	9.351	162	297206	37.495	ng		99
48) 2-Nitroaniline	9.445	65	107355	37.530	ng		92
49) Acenaphthylene	9.769	152	414559	35.980	ng		97
50) Dimethylphthalate	9.627	163	351677	36.847	ng		99
51) 2,6-Dinitrotoluene	9.692	165	77459	35.395	ng		91
52) Acenaphthene	9.939	154	271699	36.104	ng		93
53) 3-Nitroaniline	9.863	138	74241	36.247	ng		98
54) 2,4-Dinitrophenol	9.969	184	39865	37.577	ng	#	87
55) Dibenzofuran	10.110	168	425758	36.148	ng		95
56) 4-Nitrophenol	10.033	139	51360	35.088	ng	#	87
57) 2,4-Dinitrotoluene	10.098	165	108471	37.583	ng	#	94
58) Fluorene	10.451	166	330765	36.586	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.233	232	83119	35.843	ng	#	98
60) Diethylphthalate	10.327	149	347809	36.109	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.445	204	164499	35.585	ng		96
62) 4-Nitroaniline	10.480	138	71807	34.868	ng	#	84
63) Azobenzene	10.604	77	353031	35.160	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	57736	33.917	ng	#	70
66) n-Nitrosodiphenylamine	10.563	169	281286	34.949	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	104888	36.075	ng		90
68) Hexachlorobenzene	11.004	284	119300	36.227	ng		94
69) Atrazine	11.092	200	89778	39.405	ng		96
70) Pentachlorophenol	11.198	266	70799	43.084	ng		98
71) Phenanthrene	11.416	178	490923	37.100	ng		97
72) Anthracene	11.468	178	494743	37.125	ng		96
73) Carbazole	11.621	167	422479	36.379	ng		98
74) Di-n-butylphthalate	11.951	149	579740	38.845	ng		98
75) Fluoranthene	12.610	202	494838	35.626	ng		96
77) Benzidine	12.721	184	114087	38.196	ng	#	97
78) Pyrene	12.839	202	485874	38.544	ng		98
80) Butylbenzylphthalate	13.451	149	211718	41.403	ng		96
81) Benzo(a)anthracene	14.021	228	353064	36.919	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	111020	39.572	ng		95
83) Chrysene	14.062	228	340000	36.850	ng		97
84) Bis(2-ethylhexyl)phtha...	14.009	149	264975	43.561	ng		97
85) Di-n-octyl phthalate	14.621	149	363054	44.722	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.015	276	276905	34.609	ng		97
88) Benzo(b)fluoranthene	15.080	252	296200	38.141	ng		97
89) Benzo(k)fluoranthene	15.115	252	261854	35.617	ng		96
90) Benzo(a)pyrene	15.451	252	250435	37.127	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	241274	35.198	ng		97
92) Benzo(g,h,i)perylene	17.462	276	224149	33.256	ng		99

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

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