Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
Data File : BF128944.D
Acq On : 22 Jun 2022 21:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 01:33:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	114563	20.000	ng		-0.01
21) Naphthalene-d8	8.033	136	422168	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	234512	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	424160	20.000	ng		0.00
76) Chrysene-d12	13.921	240	266671	20.000	ng	#	0.00
86) Perylene-d12	15.357	264	213609	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	580112	80.656	ng		0.00
7) Phenol-d6	6.410	99	724783	82.553	ng		0.00
23) Nitrobenzene-d5	7.322	82	764773	84.343	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	205660	74.222	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	1376385	82.215	ng		0.00
79) Terphenyl-d14	12.863	244	1345722	87.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	109798	41.121	ng	#	94
3) Pyridine	3.163	79	294417	41.507	ng		92
4) n-Nitrosodimethylamine	3.134	42	190847	38.799	ng	#	79
6) Aniline	6.416	93	389304	41.115	ng	#	45
8) 2-Chlorophenol	6.545	128	307697	41.809	ng		98
9) Benzaldehyde	6.298	77	237063	44.321	ng		91
10) Phenol	6.422	94	384273	41.406	ng	#	56
11) bis(2-Chloroethyl)ether	6.492	93	291458	42.858	ng		100
12) 1,3-Dichlorobenzene	6.687	146	354768	41.698	ng		96
13) 1,4-Dichlorobenzene	6.763	146	359410	41.827	ng		97
14) 1,2-Dichlorobenzene	6.922	146	338739	42.142	ng		98
15) Benzyl Alcohol	6.904	79	295155	40.180	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.028	45	481901	43.009	ng	#	1
17) 2-Methylphenol	7.181	107	335239	57.635	ng	#	79
18) Hexachloroethane	7.257	117	136008	42.544	ng		97
19) n-Nitroso-di-n-propyla...	7.175	70	237380	43.486	ng		98
20) 3+4-Methylphenols	7.181	107	335239	43.171	ng	#	81
22) Acetophenone	7.169	105	458999	41.570	ng		95
24) Nitrobenzene	7.339	77	353264	42.436	ng		95
25) Isophorone	7.581	82	586293	42.573	ng		96
26) 2-Nitrophenol	7.657	139	167626	45.703	ng		96
27) 2,4-Dimethylphenol	7.704	122	241312	43.191	ng		93
28) bis(2-Chloroethoxy)met...	7.786	93	370889	42.603	ng		99
29) 2,4-Dichlorophenol	7.910	162	275783	42.648	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	302039	41.483	ng		99
31) Naphthalene	8.057	128	897662	41.432	ng		99
32) Benzoic acid	7.863	122	99126	25.007	ng		84
33) 4-Chloroaniline	8.116	127	304712	37.303	ng		98
34) Hexachlorobutadiene	8.169	225	211273	40.915	ng		99
35) Caprolactam	8.498	113	74878m	41.875	ng		
36) 4-Chloro-3-methylphenol	8.610	107	295837	41.920	ng		95
37) 2-Methylnaphthalene	8.745	142	576807	41.856	ng		99
38) 1-Methylnaphthalene	8.845	142	558635	41.957	ng		98
40) 1,2,4,5-Tetrachloroben...	8.916	216	308122	42.306	ng		99
41) Hexachlorocyclopentadiene	8.898	237	164691	37.618	ng		97
43) 2,4,6-Trichlorophenol	9.033	196	185517	37.666	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	192020	37.726	ng		94
46) 1,1'-Biphenyl	9.210	154	730691	41.526	ng		99
47) 2-Chloronaphthalene	9.239	162	566829	42.217	ng		99
48) 2-Nitroaniline	9.339	65	203646	44.354	ng		92
49) Acenaphthylene	9.651	152	834897	40.618	ng		100
50) Dimethylphthalate	9.516	163	681158	42.435	ng		99
51) 2,6-Dinitrotoluene	9.586	165	140116	44.226	ng		95
52) Acenaphthene	9.822	154	513734	38.379	ng		99
53) 3-Nitroaniline	9.757	138	149377	43.443	ng		99
54) 2,4-Dinitrophenol	9.869	184	63088	35.751	ng		93
55) Dibenzofuran	9.992	168	778674	40.477	ng		91
56) 4-Nitrophenol	9.951	139	85272	34.212	ng	#	74
57) 2,4-Dinitrotoluene	9.992	165	180490	42.689	ng	#	76
58) Fluorene	10.339	166	620659	41.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	151988m	36.152	ng		
60) Diethylphthalate	10.216	149	674103	41.784	ng		99
61) 4-Chlorophenyl-phenyle...	10.327	204	319767	41.324	ng		91
62) 4-Nitroaniline	10.375	138	137697	39.552	ng	#	81
63) Azobenzene	10.492	77	676257	42.579	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	105671	42.215	ng		95
66) n-Nitrosodiphenylamine	10.451	169	558657	42.851	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	204978	43.334	ng		89
68) Hexachlorobenzene	10.886	284	225488	42.924	ng		94
69) Atrazine	10.980	200	155241	37.028	ng		97
70) Pentachlorophenol	11.092	266	88050	33.578	ng		97
71) Phenanthrene	11.298	178	881290	41.424	ng		99
72) Anthracene	11.351	178	869349	41.284	ng		100
73) Carbazole	11.516	167	809766	41.403	ng		99
74) Di-n-butylphthalate	11.839	149	1007279	42.299	ng		100
75) Fluoranthene	12.492	202	902526	40.584	ng		96
77) Benzidine	12.616	184	181135	34.074	ng		99
78) Pyrene	12.721	202	895837	45.153	ng		97
80) Butylbenzylphthalate	13.333	149	380414	45.658	ng		98
81) Benzo(a)anthracene	13.910	228	709687	42.694	ng		100
82) 3,3'-Dichlorobenzidine	13.874	252	170476	47.937	ng		98
83) Chrysene	13.945	228	668707	42.196	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	492040	45.425	ng		98
85) Di-n-octyl phthalate	14.504	149	715886	43.881	ng		99
87) Indeno(1,2,3-cd)pyrene	16.786	276	569694	44.249	ng	#	92
88) Benzo(b)fluoranthene	14.945	252	528672	38.732	ng	#	97
89) Benzo(k)fluoranthene	14.974	252	557726	43.437	ng	#	97
90) Benzo(a)pyrene	15.304	252	445724	41.548	ng	#	95
91) Dibenzo(a,h)anthracene	16.798	278	475752	44.549	ng	#	95
92) Benzo(g,h,i)perylene	17.215	276	472866	44.677	ng	#	92

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

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