Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130462.D
Acq On : 29 Sep 2022 11:30
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

Quant Time: Sep 30 03:06:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.640	152	114448	20.000	ng		0.00
21) Naphthalene-d8	7.922	136	430816	20.000	ng		0.00
39) Acenaphthene-d10	9.675	164	229674	20.000	ng		0.00
64) Phenanthrene-d10	11.157	188	385276	20.000	ng		0.00
76) Chrysene-d12	13.786	240	226389	20.000	ng		0.00
86) Perylene-d12	15.174	264	192847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	524298	79.458	ng		0.00
7) Phenol-d6	6.287	99	656893	79.564	ng		0.00
23) Nitrobenzene-d5	7.210	82	644365	76.412	ng		0.00
42) 2,4,6-Tribromophenol	10.463	330	199848	90.810	ng		0.00
45) 2-Fluorobiphenyl	9.004	172	1266375	80.291	ng		0.00
79) Terphenyl-d14	12.739	244	1213063	88.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.240	88	103937	34.298	ng		96
3) Pyridine	2.916	79	279445	35.350	ng		94
4) n-Nitrosodimethylamine	2.881	42	136029	31.638	ng		85
6) Aniline	6.304	93	393728	38.704	ng	#	70
8) 2-Chlorophenol	6.428	128	309073	41.119	ng		91
9) Benzaldehyde	6.187	77	198887	35.963	ng		96
10) Phenol	6.298	94	376183	38.880	ng		83
11) bis(2-Chloroethyl)ether	6.387	93	270687	38.787	ng		91
12) 1,3-Dichlorobenzene	6.581	146	337745	40.836	ng		96
13) 1,4-Dichlorobenzene	6.657	146	349222	41.406	ng		99
14) 1,2-Dichlorobenzene	6.810	146	322065	40.877	ng		97
15) Benzyl Alcohol	6.792	79	210057	32.089	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.922	45	333646	32.779	ng		84
17) 2-Methylphenol	6.910	107	250229	40.952	ng		99
18) Hexachloroethane	7.151	117	130244	39.176	ng		92
19) n-Nitroso-di-n-propyla...	7.069	70	204889	36.777	ng		90
20) 3+4-Methylphenols	7.063	107	321242	40.471	ng	#	85
22) Acetophenone	7.057	105	413102	39.220	ng		93
24) Nitrobenzene	7.234	77	323475	37.778	ng		90
25) Isophorone	7.469	82	528943	38.917	ng		98
26) 2-Nitrophenol	7.545	139	162494	46.294	ng		88
27) 2,4-Dimethylphenol	7.592	122	227459	42.086	ng		92
28) bis(2-Chloroethoxy)met...	7.687	93	305810	39.958	ng		100
29) 2,4-Dichlorophenol	7.792	162	262014	44.240	ng		93
30) 1,2,4-Trichlorobenzene	7.869	180	277558	43.347	ng		95
31) Naphthalene	7.945	128	917341	41.331	ng		99
32) Benzoic acid	7.734	122	146841	35.134	ng		92
33) 4-Chloroaniline	8.004	127	366335	43.397	ng		95
34) Hexachlorobutadiene	8.063	225	177403	43.351	ng		99
35) Caprolactam	8.386	113	73822	43.479	ng	#	84
36) 4-Chloro-3-methylphenol	8.492	107	273988	41.737	ng		99
37) 2-Methylnaphthalene	8.639	142	600846	42.458	ng		100
38) 1-Methylnaphthalene	8.733	142	581468	42.772	ng		99
40) 1,2,4,5-Tetrachloroben...	8.804	216	266698	42.550	ng		97
41) Hexachlorocyclopentadiene	8.786	237	129480	38.584	ng		99
43) 2,4,6-Trichlorophenol	8.916	196	182461	41.711	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	204184	43.255	ng		96
46) 1,1'-Biphenyl	9.104	154	691860	40.334	ng		98
47) 2-Chloronaphthalene	9.128	162	566209	40.806	ng		96
48) 2-Nitroaniline	9.228	65	169998	36.733	ng		89
49) Acenaphthylene	9.539	152	844482	40.591	ng		100
50) Dimethylphthalate	9.410	163	656489	41.380	ng		100
51) 2,6-Dinitrotoluene	9.475	165	147848	44.560	ng	#	70
52) Acenaphthene	9.710	154	557049m	40.752	ng		
53) 3-Nitroaniline	9.639	138	157021	42.471	ng		94
54) 2,4-Dinitrophenol	9.745	184	62804	38.420	ng		93
55) Dibenzofuran	9.880	168	779755	41.012	ng		97
56) 4-Nitrophenol	9.810	139	96484	35.830	ng	#	83
57) 2,4-Dinitrotoluene	9.875	165	188539	44.463	ng	#	92
58) Fluorene	10.222	166	637124	40.975	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	162371	43.946	ng		89
60) Diethylphthalate	10.104	149	647012	40.669	ng		99
61) 4-Chlorophenyl-phenyle...	10.216	204	292623	42.900	ng		98
62) 4-Nitroaniline	10.251	138	153665	41.374	ng		90
63) Azobenzene	10.375	77	595322	36.340	ng		97
65) 4,6-Dinitro-2-methylph...	10.280	198	99646	46.461	ng		89
66) n-Nitrosodiphenylamine	10.339	169	530989	41.243	ng		100
67) 4-Bromophenyl-phenylether	10.704	248	189703	44.634	ng		94
68) Hexachlorobenzene	10.769	284	213812	44.379	ng		93
69) Atrazine	10.869	200	153908	40.906	ng		94
70) Pentachlorophenol	10.963	266	85498	33.066	ng		99
71) Phenanthrene	11.180	178	880105	40.687	ng		99
72) Anthracene	11.233	178	853774	40.901	ng		99
73) Carbazole	11.392	167	758287	40.251	ng		98
74) Di-n-butylphthalate	11.727	149	940979	41.421	ng		98
75) Fluoranthene	12.363	202	862474	41.263	ng		99
77) Benzidine	12.492	184	235750	35.873	ng		99
78) Pyrene	12.592	202	840018	42.415	ng		100
80) Butylbenzylphthalate	13.216	149	331619	45.199	ng		98
81) Benzo(a)anthracene	13.774	228	621080	41.239	ng		99
82) 3,3'-Dichlorobenzidine	13.745	252	186145	45.405	ng		99
83) Chrysene	13.816	228	590117	41.267	ng		99
84) Bis(2-ethylhexyl)phtha...	13.774	149	395428	47.053	ng		99
85) Di-n-octyl phthalate	14.386	149	556886	43.325	ng		95
87) Indeno(1,2,3-cd)pyrene	16.498	276	594188	43.449	ng		97
88) Benzo(b)fluoranthene	14.786	252	512795m	40.740	ng		
89) Benzo(k)fluoranthene	14.815	252	514657	41.566	ng		99
90) Benzo(a)pyrene	15.115	252	429468	43.068	ng		99
91) Dibenzo(a,h)anthracene	16.515	278	490612	43.731	ng		97
92) Benzo(g,h,i)perylene	16.898	276	483458	42.779	ng		98

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

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