Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
Data File : BF130263.D
Acq On : 15 Sep 2022 10:36
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 05:17:16 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 14 14:55:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	109647	20.000	ng		0.00
21) Naphthalene-d8	7.963	136	413023	20.000	ng	#	0.00
39) Acenaphthene-d10	9.710	164	214591	20.000	ng		0.00
64) Phenanthrene-d10	11.186	188	373544	20.000	ng		0.00
76) Chrysene-d12	13.815	240	212164	20.000	ng		0.00
86) Perylene-d12	15.209	264	168826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	484462	76.635	ng		0.00
7) Phenol-d6	6.310	99	599980	75.852	ng		0.00
23) Nitrobenzene-d5	7.245	82	625430	77.362	ng		0.00
42) 2,4,6-Tribromophenol	10.498	330	178613	86.866	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1146562	77.804	ng		0.00
79) Terphenyl-d14	12.774	244	1089510	85.065	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.304	88	101805	35.065	ng		98
3) Pyridine	2.987	79	275898	36.429	ng		98
4) n-Nitrosodimethylamine	2.951	42	146303	35.518	ng		98
6) Aniline	6.345	93	356602	36.590	ng		98
8) 2-Chlorophenol	6.463	128	276582	38.408	ng		93
9) Benzaldehyde	6.228	77	200104	37.767	ng		96
10) Phenol	6.328	94	352001	37.974	ng		98
11) bis(2-Chloroethyl)ether	6.422	93	248976	37.238	ng		94
12) 1,3-Dichlorobenzene	6.616	146	305179	38.515	ng		99
13) 1,4-Dichlorobenzene	6.692	146	315220	39.011	ng		99
14) 1,2-Dichlorobenzene	6.845	146	289383	38.338	ng		98
15) Benzyl Alcohol	6.828	79	237823	37.922	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.963	45	354026	36.304	ng		98
17) 2-Methylphenol	6.934	107	223068	38.106	ng		98
18) Hexachloroethane	7.186	117	121458	38.133	ng		96
19) n-Nitroso-di-n-propyla...	7.104	70	205391	38.481	ng		94
20) 3+4-Methylphenols	7.092	107	291677	38.356	ng		91
22) Acetophenone	7.092	105	384902	38.117	ng	#	99
24) Nitrobenzene	7.263	77	315000	38.373	ng		98
25) Isophorone	7.504	82	511890	39.285	ng		100
26) 2-Nitrophenol	7.581	139	143205	42.556	ng		92
27) 2,4-Dimethylphenol	7.622	122	204175	39.406	ng		98
28) bis(2-Chloroethoxy)met...	7.722	93	286934	39.107	ng		99
29) 2,4-Dichlorophenol	7.822	162	231989	40.858	ng		96
30) 1,2,4-Trichlorobenzene	7.904	180	244955	39.903	ng		96
31) Naphthalene	7.981	128	827791	38.903	ng		100
32) Benzoic acid	7.739	122	173610m	43.328	ng		
33) 4-Chloroaniline	8.033	127	323872	40.020	ng		99
34) Hexachlorobutadiene	8.098	225	158548	40.413	ng		99
35) Caprolactam	8.416	113	68707	42.210	ng		89
36) 4-Chloro-3-methylphenol	8.516	107	254501	40.438	ng		98
37) 2-Methylnaphthalene	8.675	142	544654	40.146	ng		99
38) 1-Methylnaphthalene	8.769	142	522093	40.059	ng		99
40) 1,2,4,5-Tetrachloroben...	8.833	216	230071	39.286	ng		99
41) Hexachlorocyclopentadiene	8.822	237	132809	42.358	ng		99
43) 2,4,6-Trichlorophenol	8.951	196	163737	40.061	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	8.986	196	179622	40.726	ng	95
46)	1,1'-Biphenyl	9.139	154	629314	39.267	ng	98
47)	2-Chloronaphthalene	9.163	162	511407	39.447	ng	96
48)	2-Nitroaniline	9.257	65	170941	39.532	ng	99
49)	Acenaphthylene	9.575	152	763584	39.282	ng	99
50)	Dimethylphthalate	9.445	163	604300	40.768	ng	99
51)	2,6-Dinitrotoluene	9.504	165	130111	41.971	ng	92
52)	Acenaphthene	9.745	154	512336m	40.115	ng	
53)	3-Nitroaniline	9.669	138	144106	41.717	ng	99
54)	2,4-Dinitrophenol	9.769	184	66928	42.941	ng	93
55)	Dibenzofuran	9.916	168	711191	40.035	ng	99
56)	4-Nitrophenol	9.827	139	105153	41.794	ng	92
57)	2,4-Dinitrotoluene	9.904	165	172679	43.585	ng	90
58)	Fluorene	10.257	166	581664	40.037	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.033	232	145381	42.113	ng	99
60)	Diethylphthalate	10.139	149	612973	41.237	ng	99
61)	4-Chlorophenyl-phenyle...	10.251	204	263273	41.310	ng	96
62)	4-Nitroaniline	10.286	138	143367	41.314	ng	93
63)	Azobenzene	10.410	77	590078	38.551	ng	98
65)	4,6-Dinitro-2-methylph...	10.304	198	90978	43.752	ng	91
66)	n-Nitrosodiphenylamine	10.375	169	486414	38.967	ng	99
67)	4-Bromophenyl-phenylether	10.739	248	166068	40.300	ng	94
68)	Hexachlorobenzene	10.798	284	186286	39.880	ng	96
69)	Atrazine	10.904	200	147670	40.481	ng	97
70)	Pentachlorophenol	10.992	266	105645	42.140	ng	99
71)	Phenanthrene	11.216	178	807533	38.505	ng	99
72)	Anthracene	11.269	178	791709	39.119	ng	99
73)	Carbazole	11.422	167	703846	38.535	ng	99
74)	Di-n-butylphthalate	11.757	149	877629	39.846	ng	100
75)	Fluoranthene	12.398	202	779087	38.444	ng	98
77)	Benzidine	12.521	184	224805	36.501	ng	98
78)	Pyrene	12.621	202	769767	41.474	ng	99
80)	Butylbenzylphthalate	13.251	149	283996	41.304	ng	98
81)	Benzo(a)anthracene	13.810	228	565160	40.042	ng	98
82)	3,3'-Dichlorobenzidine	13.774	252	152704	39.746	ng	99
83)	Chrysene	13.845	228	525185	39.189	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.810	149	329530	41.841	ng	99
85)	Di-n-octyl phthalate	14.421	149	491097	40.768	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.539	276	547307	45.715	ng	99
88)	Benzo(b)fluoranthene	14.815	252	410322	37.237	ng	99
89)	Benzo(k)fluoranthene	14.845	252	437060	40.321	ng	99
90)	Benzo(a)pyrene	15.151	252	344643	39.479	ng	98
91)	Dibenzo(a,h)anthracene	16.562	278	450337	45.853	ng	98
92)	Benzo(g,h,i)perylene	16.945	276	450873	45.572	ng	99

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

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