Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127417.D
Acq On : 21 Mar 2022 19:08
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 01:24:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 01:16:08 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	88658	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	312335	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	182946	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	328522	20.000	ng	0.00
76) Chrysene-d12	14.027	240	222070	20.000	ng	0.00
86) Perylene-d12	15.504	264	154246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	434390	78.764	ng	0.00
7) Phenol-d6	6.486	99	594602	78.373	ng	0.00
23) Nitrobenzene-d5	7.422	82	568254	75.137	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	148437	75.372	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	934868	72.246	ng	0.00
79) Terphenyl-d14	12.968	244	1030673	79.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	89773	31.394	ng	100
3) Pyridine	3.369	79	273495	35.941	ng	100
4) n-Nitrosodimethylamine	3.345	42	148537	35.231	ng	100
6) Aniline	6.516	93	361044	39.820	ng	100
8) 2-Chlorophenol	6.639	128	225075	39.450	ng	100
9) Benzaldehyde	6.404	77	158978	35.947	ng	100
10) Phenol	6.498	94	328637	39.433	ng	100
11) bis(2-Chloroethyl)ether	6.586	93	238237	38.493	ng	100
12) 1,3-Dichlorobenzene	6.786	146	248600	38.817	ng	100
13) 1,4-Dichlorobenzene	6.869	146	251927	39.211	ng	100
14) 1,2-Dichlorobenzene	7.022	146	232235	38.406	ng	100
15) Benzyl Alcohol	6.998	79	220901	38.846	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	430970	37.106	ng	100
17) 2-Methylphenol	7.104	107	187500	38.658	ng	100
18) Hexachloroethane	7.357	117	91587	37.109	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	174836	36.929	ng	100
20) 3+4-Methylphenols	7.263	107	229973	36.560	ng	100
22) Acetophenone	7.263	105	305284	35.699	ng	100
24) Nitrobenzene	7.439	77	273984	38.302	ng	100
25) Isophorone	7.675	82	465162	38.250	ng	100
26) 2-Nitrophenol	7.751	139	115928	39.134	ng	100
27) 2,4-Dimethylphenol	7.786	122	176416	39.672	ng	100
28) bis(2-Chloroethoxy)met...	7.880	93	295798	38.388	ng	100
29) 2,4-Dichlorophenol	7.992	162	197106	38.703	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	225258	38.798	ng	100
31) Naphthalene	8.157	128	646216	38.786	ng	100
32) Benzoic acid	7.933	122	96249m	34.880	ng	
33) 4-Chloroaniline	8.210	127	251960	39.014	ng	100
34) Hexachlorobutadiene	8.263	225	144150	37.232	ng	100
35) Caprolactam	8.592	113	63154	41.511	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	213487	38.677	ng	100
37) 2-Methylnaphthalene	8.845	142	417285	38.330	ng	100
38) 1-Methylnaphthalene	8.945	142	405996	38.792	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	222346	38.392	ng	100
41) Hexachlorocyclopentadiene	8.992	237	53734	26.402	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	138795	37.971	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	148878	38.377	ng	100
46) 1,1'-Biphenyl	9.310	154	520996	37.732	ng	100
47) 2-Chloronaphthalene	9.339	162	415523	38.659	ng	100
48) 2-Nitroaniline	9.439	65	161844	39.135	ng	100
49) Acenaphthylene	9.751	152	636271	38.682	ng	100
50) Dimethylphthalate	9.616	163	487212	37.165	ng	100
51) 2,6-Dinitrotoluene	9.680	165	103441	39.008	ng	100
52) Acenaphthene	9.922	154	373362	38.080	ng	100
53) 3-Nitroaniline	9.857	138	113837	39.394	ng	100
54) 2,4-Dinitrophenol	9.969	184	45816	35.063	ng	100
55) Dibenzofuran	10.098	168	570769	37.471	ng	100
56) 4-Nitrophenol	10.022	139	62878m	35.799	ng	
57) 2,4-Dinitrotoluene	10.086	165	133005	38.122	ng	100
58) Fluorene	10.439	166	443055	37.511	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	121205	37.596	ng	100
60) Diethylphthalate	10.310	149	437842	36.616	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	236983	37.023	ng	100
62) 4-Nitroaniline	10.474	138	104951	36.446	ng	100
63) Azobenzene	10.592	77	520036	37.833	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	83619	41.282	ng	100
66) n-Nitrosodiphenylamine	10.551	169	381849	37.425	ng	100
67) 4-Bromophenyl-phenylether	10.921	248	148389	37.470	ng	100
68) Hexachlorobenzene	10.986	284	161021	37.309	ng	100
69) Atrazine	11.080	200	133364	37.880	ng	100
70) Pentachlorophenol	11.186	266	58111m	33.348	ng	
71) Phenanthrene	11.404	178	649953	37.478	ng	100
72) Anthracene	11.457	178	647369	37.693	ng	100
73) Carbazole	11.616	167	624237	38.596	ng	100
74) Di-n-butylphthalate	11.933	149	652607	34.498	ng	100
75) Fluoranthene	12.598	202	724478	37.362	ng	100
77) Benzidine	12.721	184	190412	33.718	ng	100
78) Pyrene	12.827	202	723168	41.809	ng	100
80) Butylbenzylphthalate	13.433	149	251651	37.803	ng	100
81) Benzo(a)anthracene	14.015	228	575403	38.482	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	168324	36.205	ng	100
83) Chrysene	14.057	228	542910	39.037	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	291880	32.572	ng	100
85) Di-n-octyl phthalate	14.598	149	385154	28.397	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	441584	47.523	ng	100
88) Benzo(b)fluoranthene	15.068	252	391279	38.646	ng	100
89) Benzo(k)fluoranthene	15.098	252	370842	38.955	ng	100
90) Benzo(a)pyrene	15.445	252	313439	39.314	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	365984	47.324	ng	100
92) Benzo(g,h,i)perylene	17.456	276	377621	50.058	ng	100

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

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