Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
Data File : BF127448.D
Acq On : 22 Mar 2022 13:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 03:00:33 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 02:16:33 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	100568	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	360946	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	208759	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	355906	20.000	ng	0.00
76) Chrysene-d12	14.027	240	222778	20.000	ng	0.00
86) Perylene-d12	15.504	264	175425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	497674	78.991	ng	0.00
7) Phenol-d6	6.487	99	695800	80.793	ng	0.00
23) Nitrobenzene-d5	7.422	82	652619	77.288	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	161891	72.799	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1076801	75.320	ng	0.00
79) Terphenyl-d14	12.963	244	1107672	81.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	132602	47.920	ng	95
3) Pyridine	3.369	79	321780	41.200	ng	96
4) n-Nitrosodimethylamine	3.352	42	172947	40.331	ng	96
6) Aniline	6.516	93	407254	39.627	ng	98
8) 2-Chlorophenol	6.640	128	257542	40.001	ng	99
9) Benzaldehyde	6.404	77	193340	44.592	ng	99
10) Phenol	6.498	94	374587	39.939	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	276006	40.218	ng	96
12) 1,3-Dichlorobenzene	6.787	146	284182	39.243	ng	97
13) 1,4-Dichlorobenzene	6.863	146	286007	39.264	ng	97
14) 1,2-Dichlorobenzene	7.022	146	266504	37.565	ng	99
15) Benzyl Alcohol	6.998	79	242261	38.707	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	495484	40.122	ng	97
17) 2-Methylphenol	7.104	107	219603	40.416	ng	99
18) Hexachloroethane	7.357	117	105970	39.738	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	202750	39.275	ng	97
20) 3+4-Methylphenols	7.263	107	269981	40.284	ng	96
22) Acetophenone	7.263	105	352341	38.187	ng	98
24) Nitrobenzene	7.440	77	317847	39.470	ng	98
25) Isophorone	7.675	82	543790	40.434	ng	100
26) 2-Nitrophenol	7.751	139	135659	40.167	ng	99
27) 2,4-Dimethylphenol	7.787	122	198856	39.142	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	346995	39.718	ng	100
29) 2,4-Dichlorophenol	7.998	162	228166	39.561	ng	95
30) 1,2,4-Trichlorobenzene	8.075	180	258806	38.509	ng	97
31) Naphthalene	8.157	128	748195	39.043	ng	99
32) Benzoic acid	7.934	122	96451m	34.917	ng	
33) 4-Chloroaniline	8.210	127	296644	39.948	ng	99
34) Hexachlorobutadiene	8.263	225	167288	39.199	ng	100
35) Caprolactam	8.592	113	72822	40.957	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	252835	40.405	ng	97
37) 2-Methylnaphthalene	8.845	142	488346	39.632	ng	100
38) 1-Methylnaphthalene	8.945	142	470551	38.619	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	253276	38.158	ng	100
41) Hexachlorocyclopentadiene	8.992	237	66427	40.611	ng	96
43) 2,4,6-Trichlorophenol	9.128	196	158748	39.566	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	167237	40.491	ng	94
46) 1,1'-Biphenyl	9.310	154	604814	38.360	ng	99
47) 2-Chloronaphthalene	9.339	162	478726	38.557	ng	99
48) 2-Nitroaniline	9.439	65	189412	39.805	ng	99
49) Acenaphthylene	9.751	152	720395	38.380	ng	100
50) Dimethylphthalate	9.616	163	556674	38.330	ng	100
51) 2,6-Dinitrotoluene	9.681	165	117500	38.543	ng	97
52) Acenaphthene	9.922	154	426175	38.915	ng	98
53) 3-Nitroaniline	9.857	138	128042	38.289	ng	96
54) 2,4-Dinitrophenol	9.969	184	53080	39.447	ng	97
55) Dibenzofuran	10.098	168	656811	41.292	ng	98
56) 4-Nitrophenol	10.022	139	61566	36.172	ng	97
57) 2,4-Dinitrotoluene	10.086	165	151370	38.576	ng	98
58) Fluorene	10.439	166	506373	39.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135374	37.072	ng	97
60) Diethylphthalate	10.310	149	492153	37.102	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	270652	36.058	ng	99
62) 4-Nitroaniline	10.475	138	116827	37.297	ng	98
63) Azobenzene	10.592	77	590926	37.755	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	78824	35.993	ng	95
66) n-Nitrosodiphenylamine	10.551	169	436024	40.246	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	165187	39.754	ng	98
68) Hexachlorobenzene	10.986	284	180402	39.774	ng	99
69) Atrazine	11.075	200	147770	40.971	ng	98
70) Pentachlorophenol	11.186	266	50321m	33.055	ng	
71) Phenanthrene	11.404	178	718745	38.736	ng	99
72) Anthracene	11.457	178	720469	39.128	ng	99
73) Carbazole	11.616	167	683447	38.812	ng	99
74) Di-n-butylphthalate	11.933	149	714904	39.222	ng	100
75) Fluoranthene	12.598	202	788631	38.643	ng	99
77) Benzidine	12.722	184	132444	24.933	ng	99
78) Pyrene	12.827	202	792341	41.442	ng	100
80) Butylbenzylphthalate	13.433	149	267482	42.507	ng	97
81) Benzo(a)anthracene	14.016	228	584469	39.231	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	167551	38.266	ng	98
83) Chrysene	14.051	228	557612	39.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	315365	43.355	ng	98
85) Di-n-octyl phthalate	14.598	149	391641	40.460	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	492435	41.484	ng	99
88) Benzo(b)fluoranthene	15.068	252	424587	38.386	ng	98
89) Benzo(k)fluoranthene	15.098	252	408515	35.627	ng	99
90) Benzo(a)pyrene	15.445	252	358481	39.491	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	416159	42.464	ng	97
92) Benzo(g,h,i)perylene	17.462	276	418640	41.328	ng	99

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

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