Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127841.D
Acq On : 19 Apr 2022 14:47
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 19 17:11:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 16:59:12 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	127320	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	531968	20.000	ng	#	0.00
39) Acenaphthene-d10	9.998	164	358083	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	739390	20.000	ng		0.00
76) Chrysene-d12	14.139	240	348445	20.000	ng	#	0.00
86) Perylene-d12	15.651	264	220899	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	829036	102.009	ng		0.00
7) Phenol-d6	6.587	99	1197368	117.980	ng		0.01
23) Nitrobenzene-d5	7.528	82	1199892	104.607	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	380360	87.197	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	2881501	105.107	ng		0.00
79) Terphenyl-d14	13.080	244	2778562	125.165	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	179241	47.640	ng		88
3) Pyridine	3.581	79	558920	52.017	ng		85
4) n-Nitrosodimethylamine	3.569	42	311450	54.127	ng	#	94
6) Aniline	6.628	93	746916	63.291	ng		96
8) 2-Chlorophenol	6.739	128	525092	63.683	ng		99
9) Benzaldehyde	6.504	77	320039	55.179	ng		98
10) Phenol	6.598	94	608298	59.761	ng		85
11) bis(2-Chloroethyl)ether	6.692	93	554838	66.301	ng		91
12) 1,3-Dichlorobenzene	6.892	146	605140	61.737	ng		98
13) 1,4-Dichlorobenzene	6.969	146	498152	53.037	ng		97
14) 1,2-Dichlorobenzene	7.122	146	468452	52.421	ng		97
15) Benzyl Alcohol	7.098	79	480646	54.412	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.222	45	625343	51.956	ng		93
17) 2-Methylphenol	7.198	107	366757	53.075	ng		94
18) Hexachloroethane	7.457	117	200247	51.827	ng		95
19) n-Nitroso-di-n-propyla...	7.381	70	371680	53.355	ng		96
20) 3+4-Methylphenols	7.363	107	477994	52.209	ng	#	86
22) Acetophenone	7.369	105	668523	52.320	ng	#	86
24) Nitrobenzene	7.539	77	556822	52.106	ng		95
25) Isophorone	7.781	82	983462	50.957	ng		98
26) 2-Nitrophenol	7.851	139	239259	51.301	ng	#	94
27) 2,4-Dimethylphenol	7.881	122	370276	50.259	ng		86
28) bis(2-Chloroethoxy)met...	7.981	93	608542	52.832	ng		99
29) 2,4-Dichlorophenol	8.092	162	449686	52.053	ng		97
30) 1,2,4-Trichlorobenzene	8.175	180	533345	52.332	ng		98
31) Naphthalene	8.257	128	1498421	54.386	ng		98
32) Benzoic acid	8.039	122	322814	61.412	ng		94
33) 4-Chloroaniline	8.304	127	625890	57.235	ng		100
34) Hexachlorobutadiene	8.363	225	459110	60.879	ng		99
35) Caprolactam	8.710	113	197877m	72.929	ng		
36) 4-Chloro-3-methylphenol	8.792	107	694251	68.636	ng		100
37) 2-Methylnaphthalene	8.945	142	1371279	69.082	ng		100
38) 1-Methylnaphthalene	9.051	142	1307522	68.095	ng		99
40) 1,2,4,5-Tetrachloroben...	9.110	216	745100	57.478	ng		99
41) Hexachlorocyclopentadiene	9.092	237	491299	62.197	ng		96
43) 2,4,6-Trichlorophenol	9.228	196	534201	61.578	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	550627	59.964	ng		98
46) 1,1'-Biphenyl	9.416	154	1660400	57.782	ng		99
47) 2-Chloronaphthalene	9.445	162	1311190	56.521	ng		98
48) 2-Nitroaniline	9.539	65	467514	58.102	ng		97
49) Acenaphthylene	9.863	152	1884944	56.762	ng		99
50) Dimethylphthalate	9.722	163	1614115	60.059	ng		98
51) 2,6-Dinitrotoluene	9.786	165	328487	61.423	ng		91
52) Acenaphthene	10.033	154	1018806m	47.717	ng		
53) 3-Nitroaniline	9.957	138	337925	61.263	ng		98
54) 2,4-Dinitrophenol	10.057	184	153449	51.133	ng	#	81
55) Dibenzofuran	10.204	168	1179315	39.540	ng		93
56) 4-Nitrophenol	10.116	139	198760	48.771	ng	#	79
57) 2,4-Dinitrotoluene	10.192	165	271843	40.595	ng		93
58) Fluorene	10.551	166	927518	40.760	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	292921	41.312	ng		96
60) Diethylphthalate	10.416	149	998704	40.643	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	519842	41.163	ng		98
62) 4-Nitroaniline	10.586	138	204201	41.478	ng	#	77
63) Azobenzene	10.698	77	1077190	41.828	ng		98
69) Atrazine	11.186	200	276927	35.622	ng		97
70) Pentachlorophenol	11.286	266	281254	48.652	ng		99
71) Phenanthrene	11.516	178	1939345	49.070	ng		99
72) Anthracene	11.569	178	1938136	48.538	ng		98
73) Carbazole	11.722	167	1821852	50.124	ng		98
74) Di-n-butylphthalate	12.045	149	2155268	49.136	ng		99
75) Fluoranthene	12.704	202	2071763	46.784	ng		98
77) Benzidine	12.821	184	569906	63.388	ng		99
78) Pyrene	12.939	202	2051756	69.561	ng		98
80) Butylbenzylphthalate	13.545	149	801685	69.523	ng		95
81) Benzo(a)anthracene	14.127	228	1338551	56.237	ng		98
82) 3,3'-Dichlorobenzidine	14.086	252	398635	53.033	ng		99
83) Chrysene	14.168	228	1210993	54.565	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	833566	55.381	ng		96
85) Di-n-octyl phthalate	14.721	149	1002907	44.238	ng		94
87) Indeno(1,2,3-cd)pyrene	17.221	276	877758	60.646	ng	#	96
88) Benzo(b)fluoranthene	15.204	252	793783	55.909	ng	#	98
89) Benzo(k)fluoranthene	15.239	252	809618	57.565	ng	#	97
90) Benzo(a)pyrene	15.592	252	672194	57.497	ng		97
91) Dibenzo(a,h)anthracene	17.245	278	721290	60.991	ng	#	95
92) Benzo(g,h,i)perylene	17.703	276	712973	59.363	ng	#	95

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

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