Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009398.D
Acq On : 15 Mar 2022 15:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 04:03:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	319017	20.000	ng		-0.01
21) Naphthalene-d8	10.604	136	1291160	20.000	ng		-0.01
39) Acenaphthene-d10	14.457	164	766365	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1497926	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1525096	20.000	ng	#	0.00
86) Perylene-d12	23.733	264	1705434	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1693104	77.469	ng		0.00
7) Phenol-d6	7.005	99	2177797	78.413	ng		0.02
23) Nitrobenzene-d5	8.969	82	1999916	85.313	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1069112	115.531	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	4801134	86.154	ng		0.00
79) Terphenyl-d14	19.792	244	7150026	88.473	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	320461	34.447	ng		97
3) Pyridine	3.734	79	721356	36.381	ng		98
4) n-Nitrosodimethylamine	3.646	42	327887	39.651	ng		96
6) Aniline	7.140	93	1385014	39.370	ng		99
8) 2-Chlorophenol	7.387	128	936894	41.850	ng		97
9) Benzaldehyde	6.952	77	658500	37.213	ng		94
10) Phenol	7.034	94	1115439	38.784	ng		98
11) bis(2-Chloroethyl)ether	7.240	93	892825	40.114	ng		96
12) 1,3-Dichlorobenzene	7.705	146	1070426	40.584	ng		98
13) 1,4-Dichlorobenzene	7.846	146	1081017	40.395	ng		99
14) 1,2-Dichlorobenzene	8.163	146	1039291	40.635	ng		100
15) Benzyl Alcohol	8.058	79	835593	42.661	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.346	45	999943	34.612	ng		94
17) 2-Methylphenol	8.275	107	763763	41.026	ng		99
18) Hexachloroethane	8.887	117	387405	41.594	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	698550	41.703	ng		96
20) 3+4-Methylphenols	8.605	107	1033989	41.443	ng		99
22) Acetophenone	8.634	105	1406109	40.739	ng	#	98
24) Nitrobenzene	9.010	77	1014554	40.837	ng		97
25) Isophorone	9.540	82	1830882	41.755	ng		98
26) 2-Nitrophenol	9.722	139	531607	55.237	ng		95
27) 2,4-Dimethylphenol	9.799	122	857594	40.514	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	1160977	40.459	ng		99
29) 2,4-Dichlorophenol	10.269	162	894872	43.832	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	1040745	43.555	ng		99
31) Naphthalene	10.657	128	2902636	40.595	ng		100
32) Benzoic acid	9.969	122	498407	46.360	ng		96
33) 4-Chloroaniline	10.769	127	1194568	40.860	ng		98
34) Hexachlorobutadiene	10.951	225	702342	48.266	ng		100
35) Caprolactam	11.569	113	262987	43.763	ng		91
36) 4-Chloro-3-methylphenol	11.922	107	893142	41.909	ng		100
37) 2-Methylnaphthalene	12.275	142	2088479	41.110	ng		99
38) 1-Methylnaphthalene	12.493	142	1908158	40.784	ng		100
40) 1,2,4,5-Tetrachloroben...	12.646	216	1209773	46.843	ng		98
41) Hexachlorocyclopentadiene	12.628	237	609684	37.273	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	726431	46.845	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.975	196	789022	46.388	ng		96
46)	1,1'-Biphenyl	13.287	154	2611611	41.739	ng		99
47)	2-Chloronaphthalene	13.328	162	1998048	42.159	ng		100
48)	2-Nitroaniline	13.534	65	519175	47.644	ng		93
49)	Acenaphthylene	14.175	152	3080283	42.065	ng		99
50)	Dimethylphthalate	13.916	163	2398384	42.431	ng		99
51)	2,6-Dinitrotoluene	14.034	165	523047	46.858	ng		94
52)	Acenaphthene	14.522	154	1812915	38.629	ng		99
53)	3-Nitroaniline	14.363	138	521676	43.997	ng		96
54)	2,4-Dinitrophenol	14.575	184	241763	50.583	ng		96
55)	Dibenzofuran	14.857	168	2903457	40.840	ng		99
56)	4-Nitrophenol	14.704	139	382233	38.763	ng		96
57)	2,4-Dinitrotoluene	14.822	165	706400	49.425	ng		94
58)	Fluorene	15.510	166	2293308	41.192	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.092	232	676752	47.253	ng		92
60)	Diethylphthalate	15.287	149	2374604	43.149	ng		100
61)	4-Chlorophenyl-phenyle...	15.504	204	1258802	44.390	ng		98
62)	4-Nitroaniline	15.534	138	524911	45.653	ng		98
63)	Azobenzene	15.798	77	2082803	38.523	ng		96
65)	4,6-Dinitro-2-methylph...	15.592	198	382374	58.035	ng		93
66)	n-Nitrosodiphenylamine	15.722	169	1978622	42.080	ng		98
67)	4-Bromophenyl-phenylether	16.404	248	828792	51.284	ng		94
68)	Hexachlorobenzene	16.522	284	958694	50.576	ng		95
69)	Atrazine	16.686	200	786639	47.525	ng		98
70)	Pentachlorophenol	16.875	266	528174	46.295	ng		99
71)	Phenanthrene	17.257	178	3483641	40.467	ng		100
72)	Anthracene	17.351	178	3606223	42.086	ng		100
73)	Carbazole	17.628	167	3121144	39.975	ng		100
74)	Di-n-butylphthalate	18.186	149	4033606	46.677	ng		99
75)	Fluoranthene	19.239	202	4149646	41.762	ng		97
77)	Benzidine	19.416	184	2019109	37.931	ng		100
78)	Pyrene	19.592	202	4233256	41.111	ng		100
80)	Butylbenzylphthalate	20.475	149	1836426	49.410	ng		93
81)	Benzo(a)anthracene	21.310	228	4225507	40.877	ng		100
82)	3,3'-Dichlorobenzidine	21.245	252	1811104	47.730	ng	#	97
83)	Chrysene	21.363	228	4082749	40.680	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.245	149	2769499	46.591	ng		99
85)	Di-n-octyl phthalate	22.174	149	4841271	49.745	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.257	276	5632732	42.510	ng	#	94
88)	Benzo(b)fluoranthene	23.004	252	4604889m	39.991	ng		
89)	Benzo(k)fluoranthene	23.051	252	4452982	40.479	ng		98
90)	Benzo(a)pyrene	23.633	252	4508125	41.279	ng	#	97
91)	Dibenzo(a,h)anthracene	26.268	278	4800897	42.730	ng	#	96
92)	Benzo(g,h,i)perylene	27.021	276	4648953	41.884	ng	#	94

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

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