Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011721.D
Acq On : 16 Sep 2022 01:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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

Quant Time: Sep 16 03:04:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 19:12:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	511941	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	2146252	20.000	ng	#-0.01
39) Acenaphthene-d10	14.575	164	1219178	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	2322519	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	2042587	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	1928266	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2301791	81.840	ng	0.00
7) Phenol-d6	7.093	99	3183329	84.908	ng	0.00
23) Nitrobenzene-d5	9.104	82	2977931	82.289	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	736231	77.287	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6226216	79.384	ng	0.00
79) Terphenyl-d14	19.880	244	7671573	81.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	487642	39.370	ng	# 83
3) Pyridine	3.781	79	1488784	41.693	ng	# 79
4) n-Nitrosodimethylamine	3.687	42	583921	42.655	ng	# 49
6) Aniline	7.263	93	1941502	42.039	ng	91
8) 2-Chlorophenol	7.498	128	1366589	40.978	ng	93
9) Benzaldehyde	7.075	77	1003813	41.829	ng	92
10) Phenol	7.122	94	1770191	41.979	ng	82
11) bis(2-Chloroethyl)ether	7.357	93	1380087	41.084	ng	92
12) 1,3-Dichlorobenzene	7.822	146	1469370	39.730	ng	93
13) 1,4-Dichlorobenzene	7.969	146	1505769	40.034	ng	98
14) 1,2-Dichlorobenzene	8.293	146	1435270	40.029	ng	98
15) Benzyl Alcohol	8.181	79	1153361	43.092	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1921342	42.821	ng	94
17) 2-Methylphenol	8.375	107	1150787	42.031	ng	# 92
18) Hexachloroethane	9.022	117	539162	41.444	ng	91
19) n-Nitroso-di-n-propyla...	8.751	70	1046352	43.105	ng	# 84
20) 3+4-Methylphenols	8.710	107	1601853	42.600	ng	92
22) Acetophenone	8.763	105	2025816	40.264	ng	# 89
24) Nitrobenzene	9.145	77	1550736	41.185	ng	91
25) Isophorone	9.675	82	2639637	41.233	ng	# 96
26) 2-Nitrophenol	9.857	139	613007	36.371	ng	# 83
27) 2,4-Dimethylphenol	9.916	122	1087346	40.626	ng	90
28) bis(2-Chloroethoxy)met...	10.157	93	1656947	40.476	ng	98
29) 2,4-Dichlorophenol	10.392	162	1197118	40.377	ng	97
30) 1,2,4-Trichlorobenzene	10.610	180	1269954	38.690	ng	98
31) Naphthalene	10.798	128	4395648	39.466	ng	99
32) Benzoic acid	10.057	122	768338	36.082	ng	89
33) 4-Chloroaniline	10.910	127	1780414	40.744	ng	# 92
34) Hexachlorobutadiene	11.087	225	680377	37.628	ng	99
35) Caprolactam	11.704	113	382200	39.784	ng	# 79
36) 4-Chloro-3-methylphenol	12.028	107	1309238	41.060	ng	93
37) 2-Methylnaphthalene	12.404	142	2959956	39.711	ng	97
38) 1-Methylnaphthalene	12.622	142	2901007	39.808	ng	98
40) 1,2,4,5-Tetrachloroben...	12.769	216	1246818	38.748	ng	97
41) Hexachlorocyclopentadiene	12.751	237	622540	38.761	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	880151	40.212	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	984924	40.247	ng		97
46) 1,1'-Biphenyl	13.410	154	3533370	39.838	ng		99
47) 2-Chloronaphthalene	13.451	162	2763853	39.607	ng		99
48) 2-Nitroaniline	13.657	65	859714	43.931	ng	#	84
49) Acenaphthylene	14.298	152	4401536	40.764	ng		99
50) Dimethylphthalate	14.039	163	3372483	39.651	ng		100
51) 2,6-Dinitrotoluene	14.151	165	714368	41.419	ng		90
52) Acenaphthene	14.639	154	2857561m	39.786	ng		
53) 3-Nitroaniline	14.480	138	851138	39.391	ng		93
54) 2,4-Dinitrophenol	14.680	184	306058	34.771	ng		92
55) Dibenzofuran	14.975	168	4108683	39.724	ng		99
56) 4-Nitrophenol	14.780	139	683482	40.784	ng	#	72
57) 2,4-Dinitrotoluene	14.939	165	938638	38.122	ng	#	88
58) Fluorene	15.627	166	3389525	40.404	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	787716	39.181	ng		91
60) Diethylphthalate	15.398	149	3424115	40.437	ng		98
61) 4-Chlorophenyl-phenyle...	15.622	204	1531325	39.488	ng		98
62) 4-Nitroaniline	15.645	138	876457	39.699	ng	#	80
63) Azobenzene	15.916	77	3451861	42.420	ng		90
65) 4,6-Dinitro-2-methylph...	15.698	198	426751	35.779	ng		90
66) n-Nitrosodiphenylamine	15.833	169	2821361	40.828	ng		97
67) 4-Bromophenyl-phenylether	16.516	248	853701	39.266	ng		95
68) Hexachlorobenzene	16.627	284	911935	38.946	ng		94
69) Atrazine	16.792	200	848859	40.242	ng		97
70) Pentachlorophenol	16.974	266	575914	38.770	ng		99
71) Phenanthrene	17.374	178	5107312	40.414	ng		97
72) Anthracene	17.463	178	4872659	40.767	ng		98
73) Carbazole	17.733	167	4624579	41.013	ng		99
74) Di-n-butylphthalate	18.280	149	5665304	41.684	ng		99
75) Fluoranthene	19.333	202	5457523	40.042	ng		94
77) Benzidine	19.510	184	1863512	38.363	ng		98
78) Pyrene	19.686	202	5643345	40.963	ng		98
80) Butylbenzylphthalate	20.557	149	2497154	43.255	ng		94
81) Benzo(a)anthracene	21.392	228	5324355	40.442	ng		96
82) 3,3'-Dichlorobenzidine	21.327	252	1670903	41.787	ng	#	99
83) Chrysene	21.451	228	5039067	40.060	ng		97
84) Bis(2-ethylhexyl)phtha...	21.315	149	3648673	43.934	ng	#	99
85) Di-n-octyl phthalate	22.257	149	5897930	41.385	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.427	276	5730590	41.251	ng	#	89
88) Benzo(b)fluoranthene	23.109	252	5020194	42.095	ng	#	96
89) Benzo(k)fluoranthene	23.162	252	4865904	40.488	ng	#	95
90) Benzo(a)pyrene	23.751	252	4058728	41.197	ng	#	95
91) Dibenzo(a,h)anthracene	26.450	278	4764832	41.306	ng	#	93
92) Benzo(g,h,i)perylene	27.215	276	4523184	40.220	ng	#	89

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

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