Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
Data File : BP009442.D
Acq On : 17 Mar 2022 14:18
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 17 17:46:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 17:43:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	249099	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1056770	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	718059	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1557957	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1619055	20.000	ng		0.00
86) Perylene-d12	23.721	264	1746686	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	597752	35.027	ng		0.00
7) Phenol-d6	6.993	99	829020	38.228	ng		0.00
23) Nitrobenzene-d5	8.958	82	817397	42.603	ng		0.00
42) 2,4,6-Tribromophenol	15.940	330	491673	56.706	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2116844	40.541	ng		0.00
79) Terphenyl-d14	19.780	244	3751631	43.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	118988	16.380	ng		95
3) Pyridine	3.728	79	327339	21.143	ng		98
4) n-Nitrosodimethylamine	3.640	42	115336	17.862	ng	#	96
6) Aniline	7.128	93	478938	17.435	ng		98
8) 2-Chlorophenol	7.369	128	345578	19.769	ng		97
9) Benzaldehyde	6.946	77	233665	16.911	ng		95
10) Phenol	7.016	94	413137	18.397	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	327490	18.844	ng		97
12) 1,3-Dichlorobenzene	7.693	146	386297	18.757	ng		99
13) 1,4-Dichlorobenzene	7.834	146	395221	18.914	ng		99
14) 1,2-Dichlorobenzene	8.152	146	383846	19.220	ng		98
15) Benzyl Alcohol	8.052	79	337529	22.069	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	361286	16.015	ng		94
17) 2-Methylphenol	8.258	107	290636	19.993	ng		98
18) Hexachloroethane	8.875	117	137284	18.877	ng		93
19) n-Nitroso-di-n-propyla...	8.610	70	274678	21.001	ng		94
20) 3+4-Methylphenols	8.593	107	411704	21.133	ng		98
22) Acetophenone	8.622	105	545001	19.293	ng	#	98
24) Nitrobenzene	8.999	77	388281	19.095	ng		97
25) Isophorone	9.528	82	719858	20.058	ng		98
26) 2-Nitrophenol	9.710	139	199169	25.285	ng		95
27) 2,4-Dimethylphenol	9.787	122	293205	16.924	ng		95
28) bis(2-Chloroethoxy)met...	10.010	93	464214	19.766	ng		100
29) 2,4-Dichlorophenol	10.263	162	351933	21.062	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	397504	20.325	ng		99
31) Naphthalene	10.646	128	1125889	19.238	ng		100
32) Benzoic acid	9.940	122	217882	24.762	ng		97
33) 4-Chloroaniline	10.763	127	472029	19.727	ng		98
34) Hexachlorobutadiene	10.934	225	266361	22.364	ng		99
35) Caprolactam	11.540	113	126300	25.679	ng		92
36) 4-Chloro-3-methylphenol	11.910	107	390916	22.411	ng		98
37) 2-Methylnaphthalene	12.263	142	806222	19.390	ng		99
38) 1-Methylnaphthalene	12.481	142	791944	20.681	ng		100
40) 1,2,4,5-Tetrachloroben...	12.634	216	477931	19.751	ng		98
41) Hexachlorocyclopentadiene	12.616	237	134872	8.800	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	325432	22.398	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	346468	21.740	ng		97
46) 1,1'-Biphenyl	13.275	154	1091529	18.619	ng		99
47) 2-Chloronaphthalene	13.316	162	862251	19.417	ng		99
48) 2-Nitroaniline	13.522	65	236940	23.206	ng		97
49) Acenaphthylene	14.163	152	1343707	19.584	ng		99
50) Dimethylphthalate	13.904	163	1132789	21.389	ng		99
51) 2,6-Dinitrotoluene	14.022	165	237785	22.736	ng		95
52) Acenaphthene	14.510	154	802831	18.257	ng		100
53) 3-Nitroaniline	14.351	138	250292	22.529	ng		98
54) 2,4-Dinitrophenol	14.569	184	117929	26.334	ng		94
55) Dibenzofuran	14.845	168	1357001	20.372	ng		99
56) 4-Nitrophenol	14.698	139	181378	19.632	ng		97
57) 2,4-Dinitrotoluene	14.816	165	330166	24.655	ng		95
58) Fluorene	15.498	166	1085132	20.802	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	326912	24.362	ng		93
60) Diethylphthalate	15.275	149	1145193	22.209	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	589475	22.185	ng		98
62) 4-Nitroaniline	15.522	138	269406	25.007	ng		97
63) Azobenzene	15.787	77	987204	19.487	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	206205	30.091	ng		93
66) n-Nitrosodiphenylamine	15.710	169	956808	19.565	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	392329	23.341	ng		94
68) Hexachlorobenzene	16.510	284	448978	22.773	ng		95
69) Atrazine	16.669	200	356120	20.686	ng		99
70) Pentachlorophenol	16.869	266	239628	20.194	ng		99
71) Phenanthrene	17.245	178	1739629	19.429	ng		100
72) Anthracene	17.339	178	1709754	19.185	ng		100
73) Carbazole	17.616	167	1692021	20.836	ng		99
74) Di-n-butylphthalate	18.175	149	2005878	22.317	ng		99
75) Fluoranthene	19.228	202	2112544	20.441	ng		97
77) Benzidine	19.416	184	825320	14.605	ng		99
78) Pyrene	19.581	202	2178825	19.932	ng		100
80) Butylbenzylphthalate	20.463	149	944736	23.944	ng		95
81) Benzo(a)anthracene	21.304	228	2205706	20.100	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	863461	21.435	ng		97
83) Chrysene	21.351	228	2094888	19.662	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1335783	21.168	ng		100
85) Di-n-octyl phthalate	22.163	149	2297216	22.235	ng		97
87) Indeno(1,2,3-cd)pyrene	26.233	276	2697011	19.874	ng	#	94
88) Benzo(b)fluoranthene	22.992	252	2186696	18.542	ng		98
89) Benzo(k)fluoranthene	23.039	252	2091279	18.562	ng	#	98
90) Benzo(a)pyrene	23.616	252	1846631	16.509	ng	#	97
91) Dibenzo(a,h)anthracene	26.251	278	2254363	19.591	ng	#	96
92) Benzo(g,h,i)perylene	26.998	276	2216385	19.496	ng	#	93

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

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