Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008375.D
Acq On : 13 Dec 2021 12:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

Quant Time: Dec 13 14:47:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	75622	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	312338	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	222652	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	482717	20.000	ng		0.00
76) Chrysene-d12	21.286	240	529372	20.000	ng		0.00
86) Perylene-d12	23.663	264	569795	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	399674	85.096	ng		0.00
7) Phenol-d6	6.952	99	587268	92.625	ng		0.00
23) Nitrobenzene-d5	8.922	82	631659	91.963	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	283550	99.636	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	1328713	86.683	ng		0.00
79) Terphenyl-d14	19.751	244	2357577	93.075	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	87618	39.986	ng		98
3) Pyridine	3.658	79	270187	46.199	ng		95
4) n-Nitrosodimethylamine	3.564	42	106289	43.573	ng	#	96
6) Aniline	7.087	93	354523	47.701	ng		96
8) 2-Chlorophenol	7.328	128	206775	43.007	ng		97
9) Benzaldehyde	6.905	77	169567	49.317	ng		98
10) Phenol	6.975	94	300086	46.058	ng		96
11) bis(2-Chloroethyl)ether	7.187	93	235876	45.294	ng		98
12) 1,3-Dichlorobenzene	7.646	146	227482	40.990	ng		98
13) 1,4-Dichlorobenzene	7.793	146	230971	41.050	ng		97
14) 1,2-Dichlorobenzene	8.105	146	227604	40.674	ng		98
15) Benzyl Alcohol	8.011	79	262150	52.185	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.287	45	363038	46.201	ng		100
17) 2-Methylphenol	8.222	107	196516	46.361	ng		98
18) Hexachloroethane	8.828	117	87041	41.604	ng		93
19) n-Nitroso-di-n-propyla...	8.575	70	225911	51.494	ng		98
20) 3+4-Methylphenols	8.552	107	278140	47.545	ng		98
22) Acetophenone	8.587	105	389043	45.538	ng		98
24) Nitrobenzene	8.963	77	297711	44.694	ng		97
25) Isophorone	9.499	82	579236	48.203	ng		98
26) 2-Nitrophenol	9.675	139	129423	45.033	ng		94
27) 2,4-Dimethylphenol	9.752	122	188533	43.864	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	339964	44.390	ng		99
29) 2,4-Dichlorophenol	10.222	162	226366	44.097	ng		97
30) 1,2,4-Trichlorobenzene	10.422	180	248690	41.739	ng		98
31) Naphthalene	10.605	128	663541	41.471	ng		99
32) Benzoic acid	9.969	122	166329	47.308	ng		96
33) 4-Chloroaniline	10.728	127	295770	44.558	ng		97
34) Hexachlorobutadiene	10.887	225	176662	43.327	ng		98
35) Caprolactam	11.552	113	56274	49.351	ng		98
36) 4-Chloro-3-methylphenol	11.875	107	280554	47.809	ng		93
37) 2-Methylnaphthalene	12.222	142	484914	42.851	ng		97
38) 1-Methylnaphthalene	12.440	142	473633	42.998	ng		100
40) 1,2,4,5-Tetrachloroben...	12.599	216	307545	42.522	ng		99
41) Hexachlorocyclopentadiene	12.569	237	108699	39.092	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	211536	43.169	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.934	196	226299	43.098	ng		99
46)	1,1'-Biphenyl	13.240	154	666378	41.251	ng		99
47)	2-Chloronaphthalene	13.287	162	527798	41.372	ng		99
48)	2-Nitroaniline	13.504	65	213916	48.659	ng		98
49)	Acenaphthylene	14.134	152	819649	41.646	ng		100
50)	Dimethylphthalate	13.881	163	724872	43.355	ng		100
51)	2,6-Dinitrotoluene	14.004	165	155133	44.708	ng		99
52)	Acenaphthene	14.475	154	490305	41.803	ng		99
53)	3-Nitroaniline	14.334	138	154896	44.048	ng		93
54)	2,4-Dinitrophenol	14.563	184	95492	46.545	ng		92
55)	Dibenzofuran	14.816	168	841703	41.994	ng		100
56)	4-Nitrophenol	14.687	139	104862	38.905	ng		82
57)	2,4-Dinitrotoluene	14.804	165	216001	45.360	ng	#	87
58)	Fluorene	15.469	166	672114	41.273	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.057	232	205187m	43.945	ng		
60)	Diethylphthalate	15.245	149	728808	43.926	ng		100
61)	4-Chlorophenyl-phenyle...	15.463	204	375272	42.014	ng		99
62)	4-Nitroaniline	15.510	138	153194	41.983	ng		90
63)	Azobenzene	15.757	77	762946	44.955	ng		97
65)	4,6-Dinitro-2-methylph...	15.575	198	149542	47.364	ng		90
66)	n-Nitrosodiphenylamine	15.681	169	594001	42.481	ng		98
67)	4-Bromophenyl-phenylether	16.363	248	239694	44.654	ng		99
68)	Hexachlorobenzene	16.481	284	257241	44.833	ng		99
69)	Atrazine	16.645	200	155013	42.715	ng		98
70)	Pentachlorophenol	16.839	266	138427	40.572	ng		98
71)	Phenanthrene	17.216	178	1066377	41.841	ng		100
72)	Anthracene	17.310	178	1070098	42.308	ng		100
73)	Carbazole	17.592	167	1033736	41.868	ng		99
74)	Di-n-butylphthalate	18.145	149	1280498	41.429	ng		99
75)	Fluoranthene	19.198	202	1329776	38.731	ng		98
77)	Benzidine	19.381	184	288886	39.783	ng		98
78)	Pyrene	19.551	202	1372145	40.919	ng		100
80)	Butylbenzylphthalate	20.427	149	606799	40.254	ng		98
81)	Benzo(a)anthracene	21.269	228	1472777	41.978	ng		99
82)	3,3'-Dichlorobenzidine	21.204	252	711321	43.032	ng		98
83)	Chrysene	21.322	228	1397985	41.874	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.192	149	903137	39.460	ng		99
85)	Di-n-octyl phthalate	22.110	149	1570698	40.398	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.157	276	1667191	40.219	ng		97
88)	Benzo(b)fluoranthene	22.939	252	1444186	42.043	ng		99
89)	Benzo(k)fluoranthene	22.986	252	1472371	43.783	ng		99
90)	Benzo(a)pyrene	23.557	252	1229070	41.865	ng		99
91)	Dibenzo(a,h)anthracene	26.163	278	1399299	40.645	ng		98
92)	Benzo(g,h,i)perylene	26.910	276	1332643	38.370	ng		96

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

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