Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
Data File : BP008598.D
Acq On : 29 Dec 2021 17:11
Operator : CG/JU
Sample : M5065-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UV-1WCMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 01:19:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 13:29:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	565186	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	2039602	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	1194800	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	2259544	20.000	ng		0.00
76) Chrysene-d12	21.357	240	2113270	20.000	ng		0.00
86) Perylene-d12	23.774	264	2503981	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3255867	105.148	ng		0.00
7) Phenol-d6	7.058	99	3604449	83.630	ng		0.00
23) Nitrobenzene-d5	9.052	82	2508825	73.174	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1597986	98.854	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	6499077	82.172	ng		0.00
79) Terphenyl-d14	19.828	244	8286968	100.840	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	488296	39.035	ng	#	55
3) Pyridine	3.787	79	878414	25.743	ng		99
4) n-Nitrosodimethylamine	3.687	42	457216	41.497	ng		98
6) Aniline	7.222	93	829293	16.555	ng		99
8) 2-Chlorophenol	7.458	128	1478810	40.543	ng		99
9) Benzaldehyde	7.028	77	555137	21.693	ng		99
10) Phenol	7.087	94	1494048	34.337	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	1385752	39.489	ng		98
12) 1,3-Dichlorobenzene	7.787	146	1738508	40.719	ng		99
13) 1,4-Dichlorobenzene	7.934	146	1765193	40.647	ng		99
14) 1,2-Dichlorobenzene	8.252	146	1687091	39.765	ng		100
15) Benzyl Alcohol	8.134	79	1133295	36.710	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1460372	36.572	ng		99
17) 2-Methylphenol	8.340	107	1116968	36.890	ng		100
18) Hexachloroethane	8.981	117	589413	41.629	ng		97
19) n-Nitroso-di-n-propyla...	8.705	70	935260	33.981	ng		100
20) 3+4-Methylphenols	8.663	107	1476847	34.719	ng		98
22) Acetophenone	8.716	105	2047929	41.873	ng	#	99
24) Nitrobenzene	9.093	77	1404425	43.010	ng		100
25) Isophorone	9.622	82	2487011	38.830	ng		100
26) 2-Nitrophenol	9.805	139	702783	45.315	ng		99
27) 2,4-Dimethylphenol	9.869	122	1276563	45.616	ng		98
28) bis(2-Chloroethoxy)met...	10.110	93	1681903	37.929	ng		100
29) 2,4-Dichlorophenol	10.340	162	1392427	41.110	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	1655687	41.455	ng		99
31) Naphthalene	10.746	128	4378642	41.361	ng		100
32) Benzoic acid	9.957	122	279744	15.902	ng		97
33) 4-Chloroaniline	10.852	127	447782	9.864	ng		100
34) Hexachlorobutadiene	11.046	225	1015624	41.887	ng		99
35) Caprolactam	11.622	113	298558	26.827	ng		96
36) 4-Chloro-3-methylphenol	11.975	107	1216982	35.945	ng		100
37) 2-Methylnaphthalene	12.357	142	3185182	39.972	ng		99
38) 1-Methylnaphthalene	12.575	142	2913998	37.403	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	1820699	48.370	ng		99
41) Hexachlorocyclopentadiene	12.716	237	2062487	103.041	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	1058174	43.208	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1151286	42.576	ng	99
46) 1,1'-Biphenyl	13.363	154	4031205	45.616	ng	100
47) 2-Chloronaphthalene	13.404	162	3072918	44.368	ng	98
48) 2-Nitroaniline	13.598	65	638077	42.026	ng	97
49) Acenaphthylene	14.245	152	4600792	43.246	ng	100
50) Dimethylphthalate	13.987	163	3552868	38.608	ng	100
51) 2,6-Dinitrotoluene	14.093	165	772924	40.931	ng	100
52) Acenaphthene	14.593	154	2864057	41.149	ng	100
53) 3-Nitroaniline	14.422	138	349080	17.762	ng	99
54) 2,4-Dinitrophenol	14.622	184	145051	16.716	ng	94
55) Dibenzofuran	14.922	168	4460722	39.975	ng	99
56) 4-Nitrophenol	14.728	139	1097487	70.913	ng	97
57) 2,4-Dinitrotoluene	14.881	165	1007132	39.972	ng	99
58) Fluorene	15.575	166	3489138	40.125	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	929414m	38.353	ng	
60) Diethylphthalate	15.351	149	3304814	36.739	ng	99
61) 4-Chlorophenyl-phenyle...	15.569	204	1870502	38.615	ng	98
62) 4-Nitroaniline	15.581	138	686152	34.376	ng	98
63) Azobenzene	15.863	77	2753028	37.920	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	197568	17.388	ng	100
66) n-Nitrosodiphenylamine	15.781	169	3021336	44.306	ng	99
67) 4-Bromophenyl-phenylether	16.463	248	1079468	43.660	ng	98
68) Hexachlorobenzene	16.581	284	1309737	43.155	ng	98
69) Atrazine	16.734	200	1006760	39.468	ng	99
70) Pentachlorophenol	16.922	266	1306201	79.019	ng	99
71) Phenanthrene	17.316	178	5276501	43.314	ng	99
72) Anthracene	17.410	178	5306515	44.706	ng	99
73) Carbazole	17.675	167	4614810	39.611	ng	99
74) Di-n-butylphthalate	18.233	149	5493148	43.097	ng	99
75) Fluoranthene	19.281	202	5912626	40.208	ng	97
77) Benzidine	19.451	184	2080136	34.379	ng	99
78) Pyrene	19.628	202	5993592	43.596	ng	98
80) Butylbenzylphthalate	20.510	149	2268214	41.364	ng	97
81) Benzo(a)anthracene	21.339	228	5719611	41.720	ng	98
82) 3,3'-Dichlorobenzidine	21.269	252	1189284	23.593	ng	98
83) Chrysene	21.392	228	5596770	43.656	ng	98
84) Bis(2-ethylhexyl)phtha...	21.275	149	3445738	41.598	ng	98
85) Di-n-octyl phthalate	22.210	149	5755813	44.891	ng	100
87) Indeno(1,2,3-cd)pyrene	26.310	276	9122700	54.239	ng	100
88) Benzo(b)fluoranthene	23.039	252	6614631	41.077	ng	99
89) Benzo(k)fluoranthene	23.086	252	6498684	40.596	ng	100
90) Benzo(a)pyrene	23.669	252	6664383	51.337	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	7772678	54.780	ng	100
92) Benzo(g,h,i)perylene	27.080	276	7740751	58.342	ng	99

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

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