Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009154.D
Acq On : 15 Feb 2022 15:00
Operator : CG/JU
Sample : PB142581BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142581BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2022
Supervised By :Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 01:33:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 01:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	288035	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1090845	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	690016	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1293614	20.000	ng		0.00
76) Chrysene-d12	21.292	240	989462	20.000	ng		0.00
86) Perylene-d12	23.686	264	890641	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1860458	115.218	ng		0.00
7) Phenol-d6	6.993	99	2299432	108.073	ng		0.00
23) Nitrobenzene-d5	8.963	82	1444608	74.682	ng		0.00
42) 2,4,6-Tribromophenol	15.940	330	1113390	120.850	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3801219	77.118	ng		0.00
79) Terphenyl-d14	19.763	244	4731738	85.998	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	189545	35.643	ng		96
3) Pyridine	3.693	79	417765	26.892	ng		98
4) n-Nitrosodimethylamine	3.605	42	231840	38.956	ng		90
6) Aniline	7.128	93	862950	35.732	ng		100
8) 2-Chlorophenol	7.363	128	761026	41.761	ng		99
9) Benzaldehyde	6.940	77	362221	33.609	ng		99
10) Phenol	7.016	94	877856	41.036	ng		92
11) bis(2-Chloroethyl)ether	7.222	93	692693	41.702	ng		99
12) 1,3-Dichlorobenzene	7.681	146	848763	40.272	ng		98
13) 1,4-Dichlorobenzene	7.828	146	869285	40.404	ng		99
14) 1,2-Dichlorobenzene	8.146	146	838940	40.236	ng		99
15) Benzyl Alcohol	8.046	79	603238m	44.538	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	789659	42.178	ng		99
17) 2-Methylphenol	8.263	107	602861	42.036	ng		94
18) Hexachloroethane	8.863	117	306082	42.946	ng		97
19) n-Nitroso-di-n-propyla...	8.610	70	496678	40.770	ng		98
20) 3+4-Methylphenols	8.593	107	786969	40.095	ng		98
22) Acetophenone	8.622	105	1058492	41.509	ng	#	96
24) Nitrobenzene	9.005	77	760941	41.614	ng		99
25) Isophorone	9.534	82	1390989	43.281	ng		98
26) 2-Nitrophenol	9.710	139	426497	45.097	ng		95
27) 2,4-Dimethylphenol	9.787	122	682226	48.243	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	887639	40.690	ng		97
29) 2,4-Dichlorophenol	10.263	162	778025	44.029	ng		97
30) 1,2,4-Trichlorobenzene	10.457	180	857012	41.248	ng		100
31) Naphthalene	10.640	128	2254092	40.514	ng		100
32) Benzoic acid	10.016	122	453693	40.402	ng		97
33) 4-Chloroaniline	10.769	127	412365	18.355	ng		98
34) Hexachlorobutadiene	10.922	225	555283	43.445	ng		99
35) Caprolactam	11.581	113	204541	39.475	ng		96
36) 4-Chloro-3-methylphenol	11.916	107	692808	41.101	ng		99
37) 2-Methylnaphthalene	12.257	142	1671602	42.457	ng		98
38) 1-Methylnaphthalene	12.475	142	1537243	39.958	ng		96
40) 1,2,4,5-Tetrachloroben...	12.634	216	996577	45.375	ng		99
41) Hexachlorocyclopentadiene	12.604	237	684562	82.968	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	624502	42.878	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	664911	42.571	ng		97
46)	1,1'-Biphenyl	13.269	154	2187726	43.153	ng		99
47)	2-Chloronaphthalene	13.316	162	1674065	41.556	ng		98
48)	2-Nitroaniline	13.534	65	386946	41.454	ng		97
49)	Acenaphthylene	14.157	152	2539341	41.811	ng		100
50)	Dimethylphthalate	13.904	163	2023083	41.132	ng		99
51)	2,6-Dinitrotoluene	14.028	165	443292	43.214	ng		93
52)	Acenaphthene	14.504	154	1498695	40.556	ng		99
53)	3-Nitroaniline	14.363	138	241179	22.986	ng		96
54)	2,4-Dinitrophenol	14.593	184	478230	71.671	ng		97
55)	Dibenzofuran	14.840	168	2452683	39.396	ng		99
56)	4-Nitrophenol	14.716	139	530748	62.945	ng		92
57)	2,4-Dinitrotoluene	14.828	165	593654	44.313	ng	#	84
58)	Fluorene	15.492	166	1914447	40.025	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.081	232	549598m	40.209	ng		
60)	Diethylphthalate	15.269	149	1950693	41.944	ng		99
61)	4-Chlorophenyl-phenyle...	15.481	204	1057614	40.696	ng		98
62)	4-Nitroaniline	15.534	138	377149m	35.750	ng		
63)	Azobenzene	15.781	77	1631912	40.555	ng		96
65)	4,6-Dinitro-2-methylph...	15.604	198	302610	38.118	ng		96
66)	n-Nitrosodiphenylamine	15.704	169	1700793	43.352	ng		100
67)	4-Bromophenyl-phenylether	16.381	248	686898	45.821	ng		98
68)	Hexachlorobenzene	16.504	284	768430	45.762	ng		98
69)	Atrazine	16.669	200	606164	46.596	ng		98
70)	Pentachlorophenol	16.863	266	726648	82.184	ng		100
71)	Phenanthrene	17.239	178	2876657	41.069	ng		99
72)	Anthracene	17.334	178	2976050	43.427	ng		99
73)	Carbazole	17.610	167	2463270	37.499	ng		99
74)	Di-n-butylphthalate	18.151	149	3142277	47.211	ng		99
75)	Fluoranthene	19.216	202	3121809	39.765	ng		96
77)	Benzidine	19.398	184	1221375	59.073	ng		98
78)	Pyrene	19.569	202	3179442	45.171	ng		97
80)	Butylbenzylphthalate	20.433	149	1247863	51.559	ng		99
81)	Benzo(a)anthracene	21.280	228	2610817	40.945	ng		99
82)	3,3'-Dichlorobenzidine	21.210	252	769622	34.812	ng		97
83)	Chrysene	21.327	228	2490903	40.523	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.198	149	1801343	56.266	ng		97
85)	Di-n-octyl phthalate	22.110	149	2855642	55.762	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.192	276	2641778	39.920	ng		97
88)	Benzo(b)fluoranthene	22.957	252	2425533	44.238	ng		99
89)	Benzo(k)fluoranthene	23.004	252	2359042	43.125	ng		97
90)	Benzo(a)pyrene	23.580	252	2288406	50.061	ng		98
91)	Dibenzo(a,h)anthracene	26.198	278	2264990	41.648	ng		97
92)	Benzo(g,h,i)perylene	26.957	276	2244557	41.453	ng		99

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

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