Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011748.D
Acq On : 19 Sep 2022 22:44
Operator : CG/JU
Sample : N4697-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-23-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Quant Time: Sep 20 04:51:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	467677	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	2121234	20.000	ng	#	0.00
39) Acenaphthene-d10	14.575	164	1355806	20.000	ng		0.00
64) Phenanthrene-d10	17.328	188	2814983	20.000	ng	#	0.00
76) Chrysene-d12	21.410	240	2705862	20.000	ng		0.00
86) Perylene-d12	23.857	264	2721390	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	4231627	164.696	ng		0.00
7) Phenol-d6	7.105	99	5792690	169.130	ng		0.01
23) Nitrobenzene-d5	9.105	82	3096310	86.569	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1810550	170.913	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	6978471	80.008	ng		0.00
79) Terphenyl-d14	19.880	244	9397513	75.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	445709	39.390	ng	#	82
3) Pyridine	3.781	79	1231780	37.760	ng	#	76
4) n-Nitrosodimethylamine	3.687	42	550502	44.020	ng	#	43
6) Aniline	7.263	93	1674430	39.687	ng		91
8) 2-Chlorophenol	7.499	128	1660515	54.504	ng		90
9) Benzaldehyde	7.075	77	930720m	42.454	ng		
10) Phenol	7.128	94	2181721	56.635	ng		82
11) bis(2-Chloroethyl)ether	7.358	93	1476438	48.112	ng		91
12) 1,3-Dichlorobenzene	7.822	146	1540453	45.594	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	1584096	46.103	ng		96
14) 1,2-Dichlorobenzene	8.293	146	1542258	47.084	ng		97
15) Benzyl Alcohol	8.181	79	1395713m	57.083	ng		
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1931996	47.134	ng		91
17) 2-Methylphenol	8.381	107	1429851	57.167	ng	#	91
18) Hexachloroethane	9.022	117	550940	46.358	ng		95
19) n-Nitroso-di-n-propyla...	8.752	70	1149200	51.823	ng	#	81
20) 3+4-Methylphenols	8.710	107	1957278	56.979	ng		92
22) Acetophenone	8.769	105	2338594	47.029	ng	#	86
24) Nitrobenzene	9.146	77	1673277	44.964	ng	#	89
25) Isophorone	9.681	82	3268865	51.664	ng		94
26) 2-Nitrophenol	9.857	139	812537	47.561	ng	#	81
27) 2,4-Dimethylphenol	9.916	122	1634429	61.787	ng		89
28) bis(2-Chloroethoxy)met...	10.157	93	2084463	51.520	ng		98
29) 2,4-Dichlorophenol	10.393	162	1577793	53.844	ng		96
30) 1,2,4-Trichlorobenzene	10.610	180	1406110	43.343	ng		99
31) Naphthalene	10.799	128	4808025	43.678	ng		99
32) Benzoic acid	10.063	122	940941	43.122	ng	#	86
33) 4-Chloroaniline	10.910	127	892477	20.665	ng	#	91
34) Hexachlorobutadiene	11.081	225	770021	43.088	ng		99
35) Caprolactam	11.716	113	582410	61.339	ng	#	68
36) 4-Chloro-3-methylphenol	12.034	107	1774490	56.308	ng		90
37) 2-Methylnaphthalene	12.404	142	3482450	47.272	ng		96
38) 1-Methylnaphthalene	12.622	142	3321673	46.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1603742	44.818	ng		97
41) Hexachlorocyclopentadiene	12.751	237	1787429	100.074	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	1210672	49.739	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	1354202	49.760	ng		97
46) 1,1'-Biphenyl	13.410	154	4497338	45.597	ng		99
47) 2-Chloronaphthalene	13.457	162	3411245	43.958	ng		99
48) 2-Nitroaniline	13.657	65	1098696	50.485	ng	#	83
49) Acenaphthylene	14.298	152	5569575	46.384	ng		98
50) Dimethylphthalate	14.040	163	4407421	46.597	ng		99
51) 2,6-Dinitrotoluene	14.151	165	969968	50.571	ng	#	85
52) Acenaphthene	14.640	154	3889789m	48.700	ng		
53) 3-Nitroaniline	14.481	138	691564	29.423	ng		92
54) 2,4-Dinitrophenol	14.687	184	950467	85.306	ng	#	83
55) Dibenzofuran	14.975	168	5237950	45.539	ng		98
56) 4-Nitrophenol	14.792	139	2039876	109.456	ng	#	69
57) 2,4-Dinitrotoluene	14.940	165	1352278	48.504	ng	#	84
58) Fluorene	15.628	166	4253709	45.595	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	1099685	49.186	ng		97
60) Diethylphthalate	15.398	149	4460869	47.372	ng		100
61) 4-Chlorophenyl-phenyle...	15.616	204	2032669	47.134	ng		97
62) 4-Nitroaniline	15.651	138	1161843	46.798	ng	#	77
63) Azobenzene	15.916	77	4192225	46.326	ng		87
65) 4,6-Dinitro-2-methylph...	15.698	198	625294	42.031	ng		87
66) n-Nitrosodiphenylamine	15.834	169	3800398	45.374	ng		98
67) 4-Bromophenyl-phenylether	16.516	248	1221363	46.349	ng		100
68) Hexachlorobenzene	16.628	284	1300781	45.834	ng		96
69) Atrazine	16.792	200	1365360	53.404	ng		97
70) Pentachlorophenol	16.975	266	1792434	99.556	ng		99
71) Phenanthrene	17.375	178	6648468	43.406	ng		97
72) Anthracene	17.463	178	6733820	46.483	ng		97
73) Carbazole	17.733	167	6620497	48.442	ng		98
74) Di-n-butylphthalate	18.281	149	7914154	48.044	ng		98
75) Fluoranthene	19.333	202	7644104	46.273	ng		95
77) Benzidine	19.510	184	5203700	80.866	ng		98
78) Pyrene	19.686	202	7863212	43.085	ng		97
80) Butylbenzylphthalate	20.551	149	3786839	49.516	ng		94
81) Benzo(a)anthracene	21.392	228	7724467	44.290	ng		95
82) 3,3'-Dichlorobenzidine	21.322	252	2005182	37.854	ng	#	98
83) Chrysene	21.445	228	7137314	42.832	ng		96
84) Bis(2-ethylhexyl)phtha...	21.310	149	5504444	50.032	ng	#	98
85) Di-n-octyl phthalate	22.251	149	9429959	49.949	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.427	276	7633851	38.936	ng	#	91
88) Benzo(b)fluoranthene	23.110	252	7999391	47.527	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	7769853	45.810	ng	#	96
90) Benzo(a)pyrene	23.751	252	6980464	50.203	ng	#	96
91) Dibenzo(a,h)anthracene	26.445	278	6674115	40.996	ng	#	94
92) Benzo(g,h,i)perylene	27.209	276	6100701	38.438	ng	#	91

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

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