Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037506.D
Acq On : 14 Nov 2022 17:25
Operator : CG/JU
Sample : PB148920BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 00:04:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	237844	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	1082558	20.000	ng		-0.01
39) Acenaphthene-d10	14.445	164	680799	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1381186	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1577372	20.000	ng		0.00
86) Perylene-d12	23.709	264	1466645	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2019461	160.343	ng		0.00
7) Phenol-d6	6.981	99	2728672	150.581	ng		0.00
23) Nitrobenzene-d5	8.969	82	1670763	80.202	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1324480	140.700	ng		0.00
45) 2-Fluorobiphenyl	13.068	172	4029781	82.264	ng		0.00
79) Terphenyl-d14	19.815	244	7011962	88.780	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	183950	35.340	ng		96
3) Pyridine	3.651	79	469758	29.284	ng		100
4) n-Nitrosodimethylamine	3.563	42	296360	40.438	ng	#	99
6) Aniline	7.128	93	876972	38.249	ng		99
8) 2-Chlorophenol	7.363	128	801810	47.207	ng		97
9) Benzaldehyde	6.945	77	78031	7.837	ng		99
10) Phenol	7.004	94	996209	48.266	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	716425	42.873	ng		98
12) 1,3-Dichlorobenzene	7.681	146	755066	41.467	ng		100
13) 1,4-Dichlorobenzene	7.828	146	781631	41.533	ng		98
14) 1,2-Dichlorobenzene	8.145	146	772863	41.732	ng		99
15) Benzyl Alcohol	8.051	79	637346m	45.543	ng		
16) 2,2'-oxybis(1-Chloropr...	8.333	45	1026873	42.215	ng		100
17) 2-Methylphenol	8.251	107	672215	45.887	ng		99
18) Hexachloroethane	8.863	117	299223	42.443	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	595922	41.647	ng		98
20) 3+4-Methylphenols	8.586	107	910694	44.289	ng		99
22) Acetophenone	8.633	105	1174003	41.934	ng	#	99
24) Nitrobenzene	9.010	77	862836	40.154	ng		99
25) Isophorone	9.539	82	1592405	41.434	ng		100
26) 2-Nitrophenol	9.716	139	425835	42.485	ng		98
27) 2,4-Dimethylphenol	9.786	122	755572	52.476	ng		96
28) bis(2-Chloroethoxy)met...	10.022	93	1001600	45.189	ng		100
29) 2,4-Dichlorophenol	10.251	162	760692	43.947	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	730182	38.827	ng		99
31) Naphthalene	10.645	128	2372728	38.686	ng		100
32) Benzoic acid	9.963	122	551301	39.629	ng		98
33) 4-Chloroaniline	10.774	127	818298	33.032	ng		100
34) Hexachlorobutadiene	10.916	225	428498	39.113	ng		98
35) Caprolactam	11.592	113	246902m	40.696	ng		
36) 4-Chloro-3-methylphenol	11.904	107	789290	41.996	ng		99
37) 2-Methylnaphthalene	12.263	142	1704458	39.489	ng		100
38) 1-Methylnaphthalene	12.480	142	1654554	38.564	ng		99
40) 1,2,4,5-Tetrachloroben...	12.627	216	858661	43.408	ng		99
41) Hexachlorocyclopentadiene	12.598	237	950603	93.966	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	615702	42.927	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	689334	43.407	ng	98
46) 1,1'-Biphenyl	13.274	154	2266435	42.990	ng	100
47) 2-Chloronaphthalene	13.315	162	1740039	41.041	ng	100
48) 2-Nitroaniline	13.539	65	548114	41.977	ng	99
49) Acenaphthylene	14.162	152	2772524	40.828	ng	100
50) Dimethylphthalate	13.915	163	2159064	39.623	ng	100
51) 2,6-Dinitrotoluene	14.039	165	481793	41.150	ng	99
52) Acenaphthene	14.509	154	1669291	40.271	ng	100
53) 3-Nitroaniline	14.368	138	447833	33.225	ng	100
54) 2,4-Dinitrophenol	14.580	184	625857	77.706	ng	97
55) Dibenzofuran	14.845	168	2649087	39.966	ng	99
56) 4-Nitrophenol	14.692	139	907278	79.082	ng	100
57) 2,4-Dinitrotoluene	14.827	165	681038	42.017	ng	98
58) Fluorene	15.492	166	2268075	40.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	574188	39.635	ng	100
60) Diethylphthalate	15.274	149	2196008	39.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1094929	41.687	ng	98
62) 4-Nitroaniline	15.539	138	477031	36.625	ng	99
63) Azobenzene	15.780	77	2111146	40.603	ng	100
65) 4,6-Dinitro-2-methylph...	15.586	198	356571	38.289	ng	96
66) n-Nitrosodiphenylamine	15.709	169	1885036	42.542	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	651868	42.167	ng	98
68) Hexachlorobenzene	16.486	284	796145	41.277	ng	99
69) Atrazine	16.668	200	557779	45.234	ng	99
70) Pentachlorophenol	16.845	266	1051066	92.560	ng	99
71) Phenanthrene	17.233	178	3388999	39.971	ng	100
72) Anthracene	17.321	178	3426493	42.144	ng	99
73) Carbazole	17.603	167	3200679	42.104	ng	100
74) Di-n-butylphthalate	18.162	149	3804516	37.604	ng	99
75) Fluoranthene	19.250	202	4006841	39.647	ng	99
77) Benzidine	19.450	184	1759755	68.046	ng	99
78) Pyrene	19.615	202	4254007	41.123	ng	100
80) Butylbenzylphthalate	20.515	149	1830553	41.162	ng	98
81) Benzo(a)anthracene	21.362	228	4424332	40.014	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1728709	48.119	ng	99
83) Chrysene	21.415	228	4177206	39.131	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	2809917	42.887	ng	99
85) Di-n-octyl phthalate	22.191	149	4634808	41.221	ng	100
87) Indeno(1,2,3-cd)pyrene	26.132	276	4917670	40.598	ng	100
88) Benzo(b)fluoranthene	23.003	252	4752242	48.323	ng	100
89) Benzo(k)fluoranthene	23.050	252	4643046	46.551	ng	99
90) Benzo(a)pyrene	23.609	252	4018978	49.044	ng	99
91) Dibenzo(a,h)anthracene	26.144	278	4404530	43.897	ng	99
92) Benzo(g,h,i)perylene	26.873	276	4050391	41.720	ng	99

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

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