Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013684.D
Acq On : 31 Jan 2023 21:04
Operator : CG/JU
Sample : PB150378BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 06:32:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	297815	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	1192599	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	801024	20.000	ng		0.00
64) Phenanthrene-d10	17.528	188	1851077	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1639741	20.000	ng		0.00
86) Perylene-d12	24.180	264	1453642	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	2538359	145.702	ng		0.00
7) Phenol-d6	7.293	99	3339075	143.864	ng		0.00
23) Nitrobenzene-d5	9.316	82	1851739	90.320	ng		0.00
42) 2,4,6-Tribromophenol	16.269	330	1697472	141.285	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	4876543	85.186	ng		0.00
79) Terphenyl-d14	20.057	244	8534837	103.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	248645	33.735	ng		99
3) Pyridine	3.928	79	700320	33.001	ng		97
4) n-Nitrosodimethylamine	3.834	42	318523	41.860	ng		99
6) Aniline	7.458	93	1267180	41.880	ng		100
8) 2-Chlorophenol	7.699	128	889507	48.498	ng		98
9) Benzaldehyde	7.269	77	392402m	28.969	ng		
10) Phenol	7.316	94	1199208	49.459	ng		97
11) bis(2-Chloroethyl)ether	7.552	93	881895	45.532	ng		98
12) 1,3-Dichlorobenzene	8.028	146	954678	46.208	ng		100
13) 1,4-Dichlorobenzene	8.175	146	973892	46.588	ng		99
14) 1,2-Dichlorobenzene	8.499	146	942979	47.141	ng		99
15) Benzyl Alcohol	8.381	79	791175m	48.139	ng		
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1054362	46.610	ng		99
17) 2-Methylphenol	8.581	107	781032	45.968	ng		99
18) Hexachloroethane	9.234	117	325235	47.182	ng		95
19) n-Nitroso-di-n-propyla...	8.958	70	667310	45.825	ng		99
20) 3+4-Methylphenols	8.910	107	1057897	45.640	ng		99
22) Acetophenone	8.975	105	1328988	42.733	ng	#	98
24) Nitrobenzene	9.358	77	963682	43.335	ng		99
25) Isophorone	9.887	82	1916361	42.172	ng		99
26) 2-Nitrophenol	10.075	139	431681	42.269	ng		98
27) 2,4-Dimethylphenol	10.128	122	838432	45.719	ng		98
28) bis(2-Chloroethoxy)met...	10.363	93	1183431	43.451	ng		99
29) 2,4-Dichlorophenol	10.610	162	923449	46.264	ng		100
30) 1,2,4-Trichlorobenzene	10.828	180	983645	44.412	ng		98
31) Naphthalene	11.022	128	2640523	42.109	ng		100
32) Benzoic acid	10.269	122	612212	42.248	ng		97
33) 4-Chloroaniline	11.122	127	671860	24.384	ng		99
34) Hexachlorobutadiene	11.304	225	617034	43.889	ng		99
35) Caprolactam	11.916	113	281525m	42.947	ng		
36) 4-Chloro-3-methylphenol	12.234	107	938418	44.694	ng		99
37) 2-Methylnaphthalene	12.616	142	1900067	40.298	ng		99
38) 1-Methylnaphthalene	12.834	142	1783880	40.277	ng		99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1187147	43.410	ng		99
41) Hexachlorocyclopentadiene	12.957	237	1347081	107.923	ng		98
43) 2,4,6-Trichlorophenol	13.210	196	816214	45.326	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	896098	42.502	ng	100
46) 1,1'-Biphenyl	13.610	154	2579371	42.552	ng	99
47) 2-Chloronaphthalene	13.657	162	2004868	42.789	ng	100
48) 2-Nitroaniline	13.857	65	471762	40.830	ng	99
49) Acenaphthylene	14.498	152	3185877	42.163	ng	99
50) Dimethylphthalate	14.228	163	2657412	42.891	ng	100
51) 2,6-Dinitrotoluene	14.345	165	550559	43.527	ng	99
52) Acenaphthene	14.840	154	2285561m	46.984	ng	
53) 3-Nitroaniline	14.675	138	435346	33.113	ng	95
54) 2,4-Dinitrophenol	14.881	184	715278	85.614	ng	97
55) Dibenzofuran	15.175	168	3152288	41.406	ng	99
56) 4-Nitrophenol	14.981	139	1010325	94.052	ng	99
57) 2,4-Dinitrotoluene	15.134	165	751250	44.321	ng	99
58) Fluorene	15.822	166	2508341	41.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	832052	45.384	ng	99
60) Diethylphthalate	15.587	149	2552116	42.968	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	1377167	42.310	ng	99
62) 4-Nitroaniline	15.845	138	540433	40.362	ng	99
63) Azobenzene	16.104	77	2333492	42.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.898	198	447924	42.477	ng	95
66) n-Nitrosodiphenylamine	16.028	169	2275021	42.240	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	919418	43.329	ng	99
68) Hexachlorobenzene	16.828	284	1071399	45.597	ng	97
69) Atrazine	16.981	200	863738	49.284	ng	99
70) Pentachlorophenol	17.175	266	1445994	83.427	ng	99
71) Phenanthrene	17.575	178	4238463	42.719	ng	99
72) Anthracene	17.663	178	4257449	42.504	ng	99
73) Carbazole	17.928	167	3861927	42.460	ng	100
74) Di-n-butylphthalate	18.457	149	4331139	43.515	ng	99
75) Fluoranthene	19.522	202	5110055	41.370	ng	100
77) Benzidine	19.692	184	1839741	51.944	ng	99
78) Pyrene	19.875	202	5243756	47.533	ng	100
80) Butylbenzylphthalate	20.727	149	1461881	48.541	ng	98
81) Benzo(a)anthracene	21.592	228	4968194	43.621	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1361890	37.821	ng	99
83) Chrysene	21.645	228	4577755	42.186	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	2294930	44.754	ng	100
85) Di-n-octyl phthalate	22.474	149	3767878	40.239	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4198180	37.975	ng	100
88) Benzo(b)fluoranthene	23.386	252	4491017	51.404	ng	99
89) Benzo(k)fluoranthene	23.439	252	4288510	49.007	ng	99
90) Benzo(a)pyrene	24.069	252	3690409	42.554	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3562245	38.820	ng	100
92) Benzo(g,h,i)perylene	27.739	276	3413658	37.455	ng	99

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

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