Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013471.D
Acq On : 12 Jan 2023 22:34
Operator : CG/JU
Sample : PB150110BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150110BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:08:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	606350	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	2830306	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1930532	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	4032156	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3137541	20.000	ng	0.00
86) Perylene-d12	23.857	264	2528354	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	5171759	149.828	ng	0.00
7) Phenol-d6	7.081	99	6883628	141.080	ng	0.00
23) Nitrobenzene-d5	9.081	82	4039362	75.823	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	3249577	107.835	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	9529961	72.163	ng	0.00
79) Terphenyl-d14	19.863	244	12451807	81.136	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	462232	34.149	ng	99
3) Pyridine	3.740	79	1227896	29.099	ng	100
4) n-Nitrosodimethylamine	3.652	42	813976	40.226	ng	96
6) Aniline	7.234	93	2178581	33.414	ng	99
8) 2-Chlorophenol	7.469	128	2017283	50.498	ng	99
9) Benzaldehyde	7.046	77	195398	6.634	ng	97
10) Phenol	7.105	94	2581602	51.260	ng	100
11) bis(2-Chloroethyl)ether	7.328	93	1828749	44.796	ng	99
12) 1,3-Dichlorobenzene	7.793	146	1887384	44.845	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1955133	45.582	ng	99
14) 1,2-Dichlorobenzene	8.258	146	1930506	46.069	ng	100
15) Benzyl Alcohol	8.158	79	1774586m	47.201	ng	
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2833541	44.863	ng	100
17) 2-Methylphenol	8.358	107	1724406	46.252	ng	99
18) Hexachloroethane	8.987	117	694287	45.707	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	1489692	42.776	ng	99
20) 3+4-Methylphenols	8.687	107	2358519	45.533	ng	100
22) Acetophenone	8.740	105	2895639	39.950	ng	100
24) Nitrobenzene	9.122	77	2164094	39.272	ng	98
25) Isophorone	9.652	82	4151409	37.858	ng	100
26) 2-Nitrophenol	9.834	139	1126826	41.367	ng	99
27) 2,4-Dimethylphenol	9.893	122	1940941	43.283	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	2567643	39.701	ng	99
29) 2,4-Dichlorophenol	10.369	162	2049292	43.551	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	2040073	40.966	ng	99
31) Naphthalene	10.769	128	5873971	39.247	ng	100
32) Benzoic acid	10.063	122	1579416	42.228	ng	97
33) 4-Chloroaniline	10.887	127	1832245	26.800	ng	99
34) Hexachlorobutadiene	11.046	225	1284609	40.923	ng	99
35) Caprolactam	11.699	113	644009m	38.411	ng	
36) 4-Chloro-3-methylphenol	12.010	107	2080714	40.579	ng	99
37) 2-Methylnaphthalene	12.375	142	4266088	37.968	ng	99
38) 1-Methylnaphthalene	12.599	142	4017659	37.904	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	2474534	39.106	ng	99
41) Hexachlorocyclopentadiene	12.722	237	2893862	87.709	ng	99
43) 2,4,6-Trichlorophenol	12.987	196	1727980	39.717	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	1876193	36.750	ng	99
46)	1,1'-Biphenyl	13.387	154	5623748	38.530	ng	100
47)	2-Chloronaphthalene	13.434	162	4416457	39.452	ng	99
48)	2-Nitroaniline	13.640	65	1376509	37.357	ng	97
49)	Acenaphthylene	14.281	152	6825150	36.972	ng	99
50)	Dimethylphthalate	14.016	163	5548270	36.243	ng	100
51)	2,6-Dinitrotoluene	14.140	165	1250265	37.440	ng	97
52)	Acenaphthene	14.622	154	4066832	37.220	ng	99
53)	3-Nitroaniline	14.469	138	988679	27.673	ng	98
54)	2,4-Dinitrophenol	14.681	184	1743525	76.836	ng	99
55)	Dibenzofuran	14.957	168	6626621	36.579	ng	99
56)	4-Nitrophenol	14.787	139	2155440	75.086	ng	97
57)	2,4-Dinitrotoluene	14.928	165	1703769	37.309	ng	99
58)	Fluorene	15.604	166	5211795	36.456	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.181	232	1659617	37.594	ng	99
60)	Diethylphthalate	15.375	149	5396162	36.022	ng	100
61)	4-Chlorophenyl-phenyle...	15.598	204	2773871	36.536	ng	100
62)	4-Nitroaniline	15.640	138	1252635	34.245	ng	99
63)	Azobenzene	15.893	77	5013039	36.446	ng	98
65)	4,6-Dinitro-2-methylph...	15.693	198	1064846	38.616	ng	98
66)	n-Nitrosodiphenylamine	15.816	169	4691785	39.599	ng	99
67)	4-Bromophenyl-phenylether	16.498	248	1857653	40.021	ng	97
68)	Hexachlorobenzene	16.616	284	2116907	41.880	ng	98
69)	Atrazine	16.775	200	1442739	33.247	ng	99
70)	Pentachlorophenol	16.963	266	2690597	72.628	ng	99
71)	Phenanthrene	17.357	178	8215711	38.617	ng	100
72)	Anthracene	17.451	178	8222577	37.982	ng	100
73)	Carbazole	17.722	167	7528056	38.180	ng	99
74)	Di-n-butylphthalate	18.263	149	8954046	39.124	ng	100
75)	Fluoranthene	19.322	202	9317141	36.459	ng	99
77)	Benzidine	19.498	184	2879099	30.882	ng	99
78)	Pyrene	19.675	202	9481247	45.945	ng	100
80)	Butylbenzylphthalate	20.539	149	3595945	40.312	ng	98
81)	Benzo(a)anthracene	21.386	228	8193020	38.775	ng	100
82)	3,3'-Dichlorobenzidine	21.316	252	2718378	34.434	ng	99
83)	Chrysene	21.439	228	7620699	38.171	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.292	149	4834848	37.454	ng	99
85)	Di-n-octyl phthalate	22.239	149	7153827	32.645	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.427	276	8024139	43.885	ng	100
88)	Benzo(b)fluoranthene	23.110	252	7219354	48.090	ng	100
89)	Benzo(k)fluoranthene	23.157	252	6881043	47.225	ng	99
90)	Benzo(a)pyrene	23.751	252	6093853	41.320	ng	99
91)	Dibenzo(a,h)anthracene	26.445	278	6921234	45.463	ng	99
92)	Benzo(g,h,i)perylene	27.221	276	6952339	46.282	ng	99

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

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