Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013551.D
Acq On : 23 Jan 2023 14:51
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 03:06:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	318156	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	1240381	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	709374	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1320949	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1063261	20.000	ng	0.00
86) Perylene-d12	24.233	264	1211615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2200298	118.492	ng	0.00
7) Phenol-d6	7.310	99	2975868	119.074	ng	0.00
23) Nitrobenzene-d5	9.340	82	2507562	133.460	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	964341	130.389	ng	0.00
45) 2-Fluorobiphenyl	13.434	172	6186997	119.720	ng	0.00
79) Terphenyl-d14	20.086	244	6972653	117.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	430243	57.474	ng	99
3) Pyridine	3.940	79	1322245	59.679	ng	98
4) n-Nitrosodimethylamine	3.852	42	579386	57.664	ng	100
6) Aniline	7.481	93	1984823	59.120	ng	99
8) 2-Chlorophenol	7.722	128	1226729	59.869	ng	100
10) Phenol	7.334	94	1541832	59.547	ng	99
11) bis(2-Chloroethyl)ether	7.581	93	1226647	57.937	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1311095	57.860	ng	99
13) 1,4-Dichlorobenzene	8.204	146	1327000	57.755	ng	100
14) 1,2-Dichlorobenzene	8.522	146	1283786	57.704	ng	100
15) Benzyl Alcohol	8.404	79	1075212	60.216	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1650440m	56.854	ng	
17) 2-Methylphenol	8.604	107	1118016	59.454	ng	99
18) Hexachloroethane	9.263	117	458002	59.637	ng	99
19) n-Nitroso-di-n-propyla...	8.981	70	952666	59.183	ng	98
20) 3+4-Methylphenols	8.934	107	1490176	60.205	ng	98
22) Acetophenone	8.999	105	1899511	59.695	ng	99
24) Nitrobenzene	9.381	77	1313431	65.015	ng	100
25) Isophorone	9.910	82	2665886	59.819	ng	99
26) 2-Nitrophenol	10.098	139	483593	76.769	ng	98
27) 2,4-Dimethylphenol	10.151	122	1185634	60.351	ng	98
28) bis(2-Chloroethoxy)met...	10.393	93	1613726	60.087	ng	99
29) 2,4-Dichlorophenol	10.634	162	1127899	63.738	ng	99
30) 1,2,4-Trichlorobenzene	10.857	180	1224930	60.656	ng	98
31) Naphthalene	11.051	128	3999959	59.984	ng	99
32) Benzoic acid	10.298	122	616636	71.815	ng	99
33) 4-Chloroaniline	11.151	127	1780014	60.327	ng	100
34) Hexachlorobutadiene	11.334	225	704528	59.950	ng	99
35) Caprolactam	11.940	113	359111	62.825	ng	98
36) 4-Chloro-3-methylphenol	12.257	107	1202874	62.417	ng	98
37) 2-Methylnaphthalene	12.645	142	2836128	59.835	ng	99
38) 1-Methylnaphthalene	12.857	142	2660484	59.734	ng	99
40) 1,2,4,5-Tetrachloroben...	13.004	216	1334117	61.087	ng	100
41) Hexachlorocyclopentadiene	12.987	237	690870	67.200	ng	97
43) 2,4,6-Trichlorophenol	13.234	196	842879	65.942	ng	98
44) 2,4,5-Trichlorophenol	13.310	196	994437	65.839	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.639	154	3434344	60.283	ng	100
47)	2-Chloronaphthalene	13.687	162	2572697	60.278	ng	99
48)	2-Nitroaniline	13.881	65	649601	76.069	ng	93
49)	Acenaphthylene	14.528	152	4232084	60.633	ng	99
50)	Dimethylphthalate	14.257	163	3142626	59.597	ng	100
51)	2,6-Dinitrotoluene	14.369	165	618585	72.653	ng	98
52)	Acenaphthene	14.869	154	2614425	60.637	ng	99
53)	3-Nitroaniline	14.698	138	697428	71.445	ng	99
54)	2,4-Dinitrophenol	14.898	184	185227	71.389	ng	96
55)	Dibenzofuran	15.198	168	3915779	59.227	ng	100
56)	4-Nitrophenol	14.992	139	529315	66.471	ng	94
57)	2,4-Dinitrotoluene	15.157	165	770950	75.314	ng	91
58)	Fluorene	15.851	166	3099489	58.982	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.422	232	748406	64.530	ng	98
60)	Diethylphthalate	15.616	149	3036068	58.950	ng	100
61)	4-Chlorophenyl-phenyle...	15.839	204	1538719	59.550	ng	98
62)	4-Nitroaniline	15.863	138	686801	68.959	ng	97
63)	Azobenzene	16.133	77	2920790	58.363	ng	98
65)	4,6-Dinitro-2-methylph...	15.916	198	285415	74.763	ng	97
66)	n-Nitrosodiphenylamine	16.051	169	2664154	61.846	ng	99
67)	4-Bromophenyl-phenylether	16.739	248	922261	63.030	ng	98
68)	Hexachlorobenzene	16.857	284	981766	62.117	ng	98
69)	Atrazine	17.004	200	757269	61.440	ng	99
70)	Pentachlorophenol	17.198	266	604383	65.659	ng	99
71)	Phenanthrene	17.598	178	4442913	60.451	ng	99
72)	Anthracene	17.692	178	4559784	61.128	ng	99
73)	Carbazole	17.951	167	4017899	59.937	ng	99
74)	Di-n-butylphthalate	18.492	149	4617933	61.895	ng	100
75)	Fluoranthene	19.545	202	4652184	59.523	ng	99
77)	Benzidine	19.716	184	1517335	56.740	ng	99
78)	Pyrene	19.898	202	4779286	58.786	ng	99
80)	Butylbenzylphthalate	20.757	149	1759604	65.592	ng	97
81)	Benzo(a)anthracene	21.621	228	4496360	60.701	ng	100
82)	3,3'-Dichlorobenzidine	21.539	252	1551613	65.012	ng	100
83)	Chrysene	21.674	228	4267546	60.235	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.527	149	2615021	63.124	ng	99
85)	Di-n-octyl phthalate	22.527	149	4401384	65.899	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.986	276	5756541	64.502	ng	100
88)	Benzo(b)fluoranthene	23.433	252	4520462	60.649	ng	99
89)	Benzo(k)fluoranthene	23.492	252	4519914	59.455	ng	100
90)	Benzo(a)pyrene	24.121	252	4431131	61.285	ng	99
91)	Dibenzo(a,h)anthracene	27.009	278	4850837	64.801	ng	99
92)	Benzo(g,h,i)perylene	27.833	276	4701233	52.678	ng	99

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

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