Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013675.D
Acq On : 31 Jan 2023 14:47
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 01 03:04:23 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 02:57:10 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	260570	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	916167	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	607852	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	1394011	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1419624	20.000	ng	0.00
86) Perylene-d12	24.186	264	1662488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1746239	114.561	ng	0.00
7) Phenol-d6	7.293	99	2326105	114.545	ng	0.00
23) Nitrobenzene-d5	9.322	82	2070036	131.432	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1142437	125.307	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	5156538	118.703	ng	0.00
79) Terphenyl-d14	20.063	244	8478623	118.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	367280	56.953	ng	99
3) Pyridine	3.934	79	1057784m	57.937	ng	
4) n-Nitrosodimethylamine	3.840	42	388227	58.313	ng	96
6) Aniline	7.463	93	1523800	57.559	ng	100
8) 2-Chlorophenol	7.705	128	923072	57.521	ng	97
9) Benzaldehyde	7.269	77	521800m	50.857	ng	
10) Phenol	7.316	94	1214677	57.258	ng	97
11) bis(2-Chloroethyl)ether	7.557	93	965945	57.000	ng	98
12) 1,3-Dichlorobenzene	8.028	146	1026782	56.801	ng	99
13) 1,4-Dichlorobenzene	8.181	146	1046096	57.194	ng	99
14) 1,2-Dichlorobenzene	8.499	146	992600	56.714	ng	99
15) Benzyl Alcohol	8.381	79	860378	59.833	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1116091	56.177	ng	99
17) 2-Methylphenol	8.581	107	858224	57.731	ng	99
18) Hexachloroethane	9.240	117	357928	59.347	ng	98
19) n-Nitroso-di-n-propyla...	8.957	70	748010	58.709	ng	98
20) 3+4-Methylphenols	8.916	107	1173755	57.877	ng	98
22) Acetophenone	8.975	105	1434753	60.054	ng	99
24) Nitrobenzene	9.363	77	1098251	64.288	ng	99
25) Isophorone	9.893	82	2108864	60.411	ng	100
26) 2-Nitrophenol	10.075	139	482585	67.490	ng	96
27) 2,4-Dimethylphenol	10.128	122	854793	58.390	ng	98
28) bis(2-Chloroethoxy)met...	10.369	93	1255035	59.984	ng	100
29) 2,4-Dichlorophenol	10.610	162	954587	62.253	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	1026986	60.360	ng	99
31) Naphthalene	11.022	128	2839540	58.946	ng	100
32) Benzoic acid	10.281	122	686594	65.558	ng	99
33) 4-Chloroaniline	11.128	127	1276248	60.296	ng	99
34) Hexachlorobutadiene	11.304	225	662943	61.382	ng	99
35) Caprolactam	11.928	113	310527	61.904	ng	98
36) 4-Chloro-3-methylphenol	12.234	107	992433	61.528	ng	100
37) 2-Methylnaphthalene	12.616	142	2165970	59.799	ng	99
38) 1-Methylnaphthalene	12.834	142	2029388	59.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.981	216	1285768	61.958	ng	100
41) Hexachlorocyclopentadiene	12.957	237	643896	67.980	ng	98
43) 2,4,6-Trichlorophenol	13.216	196	862228	63.098	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	1008486	63.033	ng	99
46)	1,1'-Biphenyl	13.616	154	2751462	59.816	ng	99
47)	2-Chloronaphthalene	13.663	162	2139035	60.160	ng	99
48)	2-Nitroaniline	13.857	65	546260	71.900	ng	98
49)	Acenaphthylene	14.504	152	3466104	60.450	ng	99
50)	Dimethylphthalate	14.228	163	2811702	59.804	ng	100
51)	2,6-Dinitrotoluene	14.351	165	591016	70.334	ng	96
52)	Acenaphthene	14.845	154	2245118m	62.775	ng	
53)	3-Nitroaniline	14.681	138	625350	68.239	ng	98
54)	2,4-Dinitrophenol	14.881	184	359196	70.235	ng	99
55)	Dibenzofuran	15.175	168	3435352	59.464	ng	99
56)	4-Nitrophenol	14.975	139	524119	64.296	ng	97
57)	2,4-Dinitrotoluene	15.134	165	794265	72.027	ng	99
58)	Fluorene	15.828	166	2668499	58.832	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.398	232	861487	61.922	ng	99
60)	Diethylphthalate	15.586	149	2685481	59.582	ng	100
61)	4-Chlorophenyl-phenyle...	15.816	204	1471252	59.565	ng	99
62)	4-Nitroaniline	15.845	138	625615	68.743	ng	96
63)	Azobenzene	16.110	77	2502707	60.110	ng	99
65)	4,6-Dinitro-2-methylph...	15.898	198	497088	68.421	ng	98
66)	n-Nitrosodiphenylamine	16.028	169	2402971	59.244	ng	99
67)	4-Bromophenyl-phenylether	16.710	248	979513	61.297	ng	99
68)	Hexachlorobenzene	16.833	284	1076533	60.838	ng	99
69)	Atrazine	16.981	200	780107	59.106	ng	99
70)	Pentachlorophenol	17.175	266	838398	64.232	ng	99
71)	Phenanthrene	17.575	178	4426219	59.238	ng	99
72)	Anthracene	17.663	178	4516302	59.871	ng	99
73)	Carbazole	17.928	167	4063121	59.319	ng	100
74)	Di-n-butylphthalate	18.463	149	4564684	60.898	ng	100
75)	Fluoranthene	19.522	202	5591911	60.114	ng	99
77)	Benzidine	19.692	184	1670620	54.483	ng	100
78)	Pyrene	19.874	202	5772082	60.435	ng	99
80)	Butylbenzylphthalate	20.727	149	1694000	64.970	ng	96
81)	Benzo(a)anthracene	21.592	228	5936908	60.209	ng	99
82)	3,3'-Dichlorobenzidine	21.516	252	1927065	61.815	ng	98
83)	Chrysene	21.651	228	5637197	60.005	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.492	149	2779043	62.599	ng	100
85)	Di-n-octyl phthalate	22.474	149	5103628	62.955	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.921	276	7635088	60.388	ng	99
88)	Benzo(b)fluoranthene	23.392	252	6124811	61.298	ng	99
89)	Benzo(k)fluoranthene	23.451	252	5984571	59.797	ng	100
90)	Benzo(a)pyrene	24.074	252	6026342	60.760	ng	99
91)	Dibenzo(a,h)anthracene	26.933	278	6338598	60.398	ng	99
92)	Benzo(g,h,i)perylene	27.756	276	6272495	60.177	ng	100

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

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