Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013465.D
Acq On : 12 Jan 2023 18:34
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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

Quant Time: Jan 13 02:35:56 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 02:28:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	524923	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	2146658	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1412923	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3209827	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3148422	20.000	ng		0.00
86) Perylene-d12	23.869	264	3837690	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	3481799	121.193	ng		0.00
7) Phenol-d6	7.081	99	5008189	133.486	ng		0.00
23) Nitrobenzene-d5	9.087	82	4913607	125.486	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	2714386	159.338	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	11305477	108.643	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	667816	52.462	ng		99
3) Pyridine	3.746	79	2195702m	60.737	ng		
4) n-Nitrosodimethylamine	3.652	42	1042882	64.373	ng		97
6) Aniline	7.240	93	3358293	73.918	ng		99
8) 2-Chlorophenol	7.475	128	2036454	60.129	ng		98
9) Benzaldehyde	7.046	77	1275549	56.662	ng		100
10) Phenol	7.105	94	2611853	62.193	ng		99
11) bis(2-Chloroethyl)ether	7.334	93	2069945	61.223	ng		99
12) 1,3-Dichlorobenzene	7.799	146	2116004	53.699	ng		99
13) 1,4-Dichlorobenzene	7.946	146	2162425	53.884	ng		100
14) 1,2-Dichlorobenzene	8.264	146	2104440	55.250	ng		99
15) Benzyl Alcohol	8.158	79	1971255	72.428	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	3191873	65.180	ng		100
17) 2-Methylphenol	8.358	107	1919084	69.135	ng		99
18) Hexachloroethane	8.993	117	773526	56.917	ng		99
19) n-Nitroso-di-n-propyla...	8.728	70	1783600	73.197	ng		98
20) 3+4-Methylphenols	8.693	107	2679766	71.009	ng		98
22) Acetophenone	8.740	105	3327857	62.299	ng	#	100
24) Nitrobenzene	9.128	77	2544274	62.345	ng		98
25) Isophorone	9.658	82	5002506	75.221	ng		100
26) 2-Nitrophenol	9.834	139	1299536	69.566	ng		99
27) 2,4-Dimethylphenol	9.899	122	2073369	73.680	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	2934708	68.818	ng		99
29) 2,4-Dichlorophenol	10.369	162	2195952	63.230	ng		98
30) 1,2,4-Trichlorobenzene	10.587	180	2279243	55.604	ng		100
31) Naphthalene	10.775	128	6804776	57.893	ng		100
32) Benzoic acid	10.075	122	1881093	84.726	ng		99
33) 4-Chloroaniline	10.887	127	3177620	72.488	ng		99
34) Hexachlorobutadiene	11.052	225	1437109	54.958	ng		99
35) Caprolactam	11.710	113	778268	86.793	ng		99
36) 4-Chloro-3-methylphenol	12.016	107	2369327	73.041	ng		100
37) 2-Methylnaphthalene	12.381	142	5110891	64.656	ng		99
38) 1-Methylnaphthalene	12.599	142	4823845	62.665	ng		99
40) 1,2,4,5-Tetrachloroben...	12.746	216	2814301	55.833	ng		99
41) Hexachlorocyclopentadiene	12.722	237	1623950	63.895	ng		100
43) 2,4,6-Trichlorophenol	12.993	196	1977094	62.200	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	2331850	67.901	ng	99
46) 1,1'-Biphenyl	13.393	154	6422317	57.487	ng	99
47) 2-Chloronaphthalene	13.434	162	4957946	55.837	ng	100
48) 2-Nitroaniline	13.646	65	1701934	77.474	ng	99
49) Acenaphthylene	14.281	152	8186638	62.678	ng	100
50) Dimethylphthalate	14.022	163	6720839	65.032	ng	100
51) 2,6-Dinitrotoluene	14.146	165	1519611	71.855	ng	97
52) Acenaphthene	14.622	154	4828586	59.466	ng	99
53) 3-Nitroaniline	14.475	138	1667593	77.332	ng	99
54) 2,4-Dinitrophenol	14.681	184	1079634	85.688	ng	98
55) Dibenzofuran	14.957	168	7922836	60.971	ng	99
56) 4-Nitrophenol	14.787	139	1357712	76.822	ng	97
57) 2,4-Dinitrotoluene	14.934	165	2115330	80.020	ng	100
58) Fluorene	15.610	166	6167203	61.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	1983129	67.555	ng	100
60) Diethylphthalate	15.381	149	6599122	69.458	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	3294872	63.301	ng	99
62) 4-Nitroaniline	15.645	138	1720153	85.467	ng	100
63) Azobenzene	15.898	77	6105185	69.145	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	1439139	69.793	ng	100
66) n-Nitrosodiphenylamine	15.822	169	5655425	56.431	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	2253531	59.374	ng	99
68) Hexachlorobenzene	16.616	284	2446885	55.060	ng	99
69) Atrazine	16.781	200	2090237	74.337	ng	99
70) Pentachlorophenol	16.963	266	1904511	72.770	ng	99
71) Phenanthrene	17.363	178	10107466	55.339	ng	100
72) Anthracene	17.451	178	10428197	60.817	ng	99
73) Carbazole	17.728	167	9433827	62.758	ng	99
74) Di-n-butylphthalate	18.263	149	11013165	66.610	ng	97
75) Fluoranthene	19.328	202	12145753	61.782	ng	96
77) Benzidine	19.504	184	4945089	110.578	ng	100
78) Pyrene	19.681	202	12261720	54.201	ng	93
80) Butylbenzylphthalate	20.545	149	5460832	74.454	ng	99
81) Benzo(a)anthracene	21.392	228	12464726	57.921	ng	93
82) 3,3'-Dichlorobenzidine	21.322	252	4699303	73.332	ng	99
83) Chrysene	21.451	228	11781812	56.126	ng	95
84) Bis(2-ethylhexyl)phtha...	21.298	149	7761083	77.794	ng	99
85) Di-n-octyl phthalate	22.239	149	12778587	76.269	ng	99
87) Indeno(1,2,3-cd)pyrene	26.457	276	16318544	52.041	ng	100
88) Benzo(b)fluoranthene	23.122	252	13679396	55.362	ng	99
89) Benzo(k)fluoranthene	23.169	252	13114496	52.466	ng	99
90) Benzo(a)pyrene	23.769	252	13305042	64.164	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	13534308	51.935	ng	99
92) Benzo(g,h,i)perylene	27.251	276	13296524	51.496	ng	100

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

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