Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013464.D
Acq On : 12 Jan 2023 18:00
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

Quant Time: Jan 13 02:35:06 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	7.910	152	563321	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	2342383	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1547687	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3489641	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3400086	20.000	ng		0.00
86) Perylene-d12	23.868	264	4169797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	3248439	105.363	ng		0.00
7) Phenol-d6	7.081	99	4669810	115.982	ng		0.00
23) Nitrobenzene-d5	9.081	82	4565743	106.859	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	2511963	134.616	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	10594492	92.945	ng		0.00
79) Terphenyl-d14	19.869	244	13724984	79.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	628532	46.011	ng		99
3) Pyridine	3.746	79	2027261m	52.255	ng		
4) n-Nitrosodimethylamine	3.652	42	971851	55.899	ng		100
6) Aniline	7.240	93	3105722	63.699	ng		99
8) 2-Chlorophenol	7.475	128	1891504	52.042	ng		99
9) Benzaldehyde	7.046	77	1188267	49.187	ng		98
10) Phenol	7.104	94	2432180	53.967	ng		100
11) bis(2-Chloroethyl)ether	7.334	93	1929910	53.190	ng		99
12) 1,3-Dichlorobenzene	7.799	146	1981410	46.856	ng		99
13) 1,4-Dichlorobenzene	7.946	146	1994144	46.304	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1958156	47.905	ng		100
15) Benzyl Alcohol	8.157	79	1805769	61.825	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	2964631	56.413	ng		100
17) 2-Methylphenol	8.357	107	1778890	59.717	ng		98
18) Hexachloroethane	8.993	117	717516	49.197	ng		99
19) n-Nitroso-di-n-propyla...	8.728	70	1650395	63.114	ng		99
20) 3+4-Methylphenols	8.693	107	2470909	61.012	ng		98
22) Acetophenone	8.740	105	3094151	53.084	ng	#	99
24) Nitrobenzene	9.128	77	2357761	52.947	ng		98
25) Isophorone	9.657	82	4639140	63.928	ng		100
26) 2-Nitrophenol	9.834	139	1197514	58.748	ng		99
27) 2,4-Dimethylphenol	9.898	122	1923399	62.639	ng		100
28) bis(2-Chloroethoxy)met...	10.134	93	2722412	58.505	ng		99
29) 2,4-Dichlorophenol	10.375	162	2035416	53.711	ng		98
30) 1,2,4-Trichlorobenzene	10.587	180	2116521	47.320	ng		100
31) Naphthalene	10.775	128	6304033	49.151	ng		100
32) Benzoic acid	10.075	122	1702151	70.260	ng		99
33) 4-Chloroaniline	10.887	127	2935914	61.378	ng		100
34) Hexachlorobutadiene	11.051	225	1321935	46.329	ng		100
35) Caprolactam	11.710	113	714202	72.993	ng		100
36) 4-Chloro-3-methylphenol	12.016	107	2181042	61.618	ng		99
37) 2-Methylnaphthalene	12.381	142	4738798	54.939	ng		99
38) 1-Methylnaphthalene	12.598	142	4445800	52.928	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	2613608	47.336	ng		99
41) Hexachlorocyclopentadiene	12.722	237	1492213	53.599	ng		100
43) 2,4,6-Trichlorophenol	12.992	196	1802243	51.762	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	2150423	57.166	ng	99
46) 1,1'-Biphenyl	13.392	154	5978608	48.856	ng	100
47) 2-Chloronaphthalene	13.434	162	4590799	47.200	ng	100
48) 2-Nitroaniline	13.645	65	1563543	64.976	ng	99
49) Acenaphthylene	14.281	152	7576374	52.955	ng	99
50) Dimethylphthalate	14.022	163	6240414	55.125	ng	100
51) 2,6-Dinitrotoluene	14.145	165	1405616	60.677	ng	96
52) Acenaphthene	14.622	154	4488249	50.461	ng	99
53) 3-Nitroaniline	14.475	138	1525376	64.577	ng	100
54) 2,4-Dinitrophenol	14.686	184	987538	71.554	ng	96
55) Dibenzofuran	14.957	168	7329414	51.493	ng	100
56) 4-Nitrophenol	14.786	139	1247327	64.431	ng	98
57) 2,4-Dinitrotoluene	14.933	165	1941868	67.062	ng	100
58) Fluorene	15.610	166	5753568	52.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	1838558	57.177	ng	99
60) Diethylphthalate	15.381	149	6072777	58.352	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	3061507	53.696	ng	99
62) 4-Nitroaniline	15.645	138	1582173	71.766	ng	100
63) Azobenzene	15.898	77	5640039	58.315	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	1304741	58.201	ng	99
66) n-Nitrosodiphenylamine	15.822	169	5257478	48.254	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	2075014	50.287	ng	99
68) Hexachlorobenzene	16.616	284	2239709	46.357	ng	99
69) Atrazine	16.775	200	1937389	63.376	ng	99
70) Pentachlorophenol	16.963	266	1743583	61.279	ng	99
71) Phenanthrene	17.363	178	9342378	47.049	ng	100
72) Anthracene	17.451	178	9585792	51.421	ng	99
73) Carbazole	17.727	167	8733890	53.443	ng	99
74) Di-n-butylphthalate	18.263	149	10317716	57.400	ng	99
75) Fluoranthene	19.327	202	11301464	52.878	ng	98
77) Benzidine	19.504	184	5373966	111.273	ng	99
78) Pyrene	19.680	202	11528149	47.186	ng	97
80) Butylbenzylphthalate	20.545	149	5035624	63.575	ng	99
81) Benzo(a)anthracene	21.392	228	11776075	50.671	ng	98
82) 3,3'-Dichlorobenzidine	21.321	252	4354011	62.915	ng	98
83) Chrysene	21.451	228	11159418	49.227	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	7209738	66.919	ng	100
85) Di-n-octyl phthalate	22.239	149	12365235	68.339	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	15198898	44.610	ng	100
88) Benzo(b)fluoranthene	23.115	252	12771708	47.572	ng	99
89) Benzo(k)fluoranthene	23.168	252	12104615	44.569	ng	100
90) Benzo(a)pyrene	23.762	252	12401201	55.042	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	12683521	44.794	ng	99
92) Benzo(g,h,i)perylene	27.250	276	12422347	44.279	ng	99

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

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