Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015307.D
Acq On : 26 May 2023 13:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 14:40:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	245612	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	986338	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	578111	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	1098761	20.000	ng	0.00
76) Chrysene-d12	21.592	240	808568	20.000	ng	0.00
86) Perylene-d12	24.145	264	949838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1148051	77.455	ng	0.00
7) Phenol-d6	7.263	99	1551135	79.854	ng	0.00
23) Nitrobenzene-d5	9.293	82	1569777	77.708	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	560770	71.380	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3289077	76.383	ng	0.00
79) Terphenyl-d14	20.045	244	3446477	80.175	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	247286	37.667	ng	97
3) Pyridine	3.870	79	689866	41.118	ng	98
4) n-Nitrosodimethylamine	3.781	42	322864	41.233	ng	98
6) Aniline	7.434	93	991521	40.386	ng	100
8) 2-Chlorophenol	7.669	128	603596	38.969	ng	98
9) Benzaldehyde	7.240	77	369131	39.169	ng	99
10) Phenol	7.293	94	768908	39.525	ng	99
11) bis(2-Chloroethyl)ether	7.528	93	638529	39.159	ng	98
12) 1,3-Dichlorobenzene	7.999	146	652638	37.866	ng	99
13) 1,4-Dichlorobenzene	8.146	146	652191	37.593	ng	99
14) 1,2-Dichlorobenzene	8.469	146	626521	37.851	ng	98
15) Benzyl Alcohol	8.358	79	574645	42.384	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	860810m	40.940	ng	
17) 2-Methylphenol	8.557	107	560960	40.519	ng	97
18) Hexachloroethane	9.205	117	251811	38.512	ng	96
19) n-Nitroso-di-n-propyla...	8.928	70	527224	42.408	ng	98
20) 3+4-Methylphenols	8.887	107	778015	41.598	ng	100
22) Acetophenone	8.946	105	975533	38.079	ng	99
24) Nitrobenzene	9.334	77	771831	38.372	ng	97
25) Isophorone	9.863	82	1425894	39.333	ng	99
26) 2-Nitrophenol	10.046	139	348447	39.467	ng	97
27) 2,4-Dimethylphenol	10.104	122	574138	38.788	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	884232	39.576	ng	99
29) 2,4-Dichlorophenol	10.587	162	596498	38.867	ng	98
30) 1,2,4-Trichlorobenzene	10.799	180	635171	37.103	ng	99
31) Naphthalene	10.993	128	1953836	37.614	ng	100
32) Benzoic acid	10.257	122	419478	37.391	ng	97
33) 4-Chloroaniline	11.104	127	846122	39.399	ng	98
34) Hexachlorobutadiene	11.269	225	399472	36.829	ng	99
35) Caprolactam	11.904	113	176129	37.381	ng	96
36) 4-Chloro-3-methylphenol	12.216	107	661695	39.655	ng	99
37) 2-Methylnaphthalene	12.593	142	1411728	38.239	ng	99
38) 1-Methylnaphthalene	12.810	142	1320908	38.347	ng	99
40) 1,2,4,5-Tetrachloroben...	12.957	216	718344	37.869	ng	100
41) Hexachlorocyclopentadiene	12.928	237	404412	40.251	ng	99
43) 2,4,6-Trichlorophenol	13.193	196	481104	39.074	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	562194	38.839	ng	97
46) 1,1'-Biphenyl	13.593	154	1744801	38.092	ng	99
47) 2-Chloronaphthalene	13.640	162	1299055	37.595	ng	99
48) 2-Nitroaniline	13.840	65	422843	40.059	ng	97
49) Acenaphthylene	14.481	152	2103911	38.053	ng	99
50) Dimethylphthalate	14.210	163	1680171	37.149	ng	99
51) 2,6-Dinitrotoluene	14.334	165	368638	38.605	ng	97
52) Acenaphthene	14.822	154	1240472	37.670	ng	98
53) 3-Nitroaniline	14.663	138	373906	38.312	ng	97
54) 2,4-Dinitrophenol	14.869	184	205395	35.079	ng	99
55) Dibenzofuran	15.157	168	1988674	36.917	ng	99
56) 4-Nitrophenol	14.963	139	277433	34.397	ng	98
57) 2,4-Dinitrotoluene	15.122	165	470917	37.506	ng	99
58) Fluorene	15.804	166	1522697	36.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.381	232	427481	36.926	ng	99
60) Diethylphthalate	15.569	149	1617833	35.908	ng	100
61) 4-Chlorophenyl-phenyle...	15.792	204	788876	37.031	ng	99
62) 4-Nitroaniline	15.828	138	347123	33.795	ng	98
63) Azobenzene	16.087	77	1613803	37.547	ng	100
65) 4,6-Dinitro-2-methylph...	15.887	198	274264	41.096	ng	100
66) n-Nitrosodiphenylamine	16.010	169	1319782	40.310	ng	100
67) 4-Bromophenyl-phenylether	16.692	248	478205	40.251	ng	96
68) Hexachlorobenzene	16.810	284	504036	38.524	ng	99
69) Atrazine	16.963	200	395293	37.811	ng	99
70) Pentachlorophenol	17.157	266	347496	38.756	ng	98
71) Phenanthrene	17.557	178	2214539	37.816	ng	100
72) Anthracene	17.645	178	2244307	38.267	ng	100
73) Carbazole	17.910	167	1915696	36.887	ng	99
74) Di-n-butylphthalate	18.445	149	2448235	36.708	ng	100
75) Fluoranthene	19.504	202	2326725	34.011	ng	100
77) Benzidine	19.680	184	530500	41.433	ng	100
78) Pyrene	19.857	202	2374858	41.050	ng	100
80) Butylbenzylphthalate	20.716	149	966801	39.434	ng	99
81) Benzo(a)anthracene	21.574	228	2131592	37.942	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	655489	37.775	ng	98
83) Chrysene	21.627	228	2004089	37.202	ng	100
84) Bis(2-ethylhexyl)phtha...	21.469	149	1415385	39.198	ng	99
85) Di-n-octyl phthalate	22.445	149	2346997	38.422	ng	99
87) Indeno(1,2,3-cd)pyrene	26.857	276	2653503	38.543	ng	100
88) Benzo(b)fluoranthene	23.363	252	2145411	37.150	ng	99
89) Benzo(k)fluoranthene	23.410	252	2074530	35.673	ng	98
90) Benzo(a)pyrene	24.033	252	2092929	37.537	ng	99
91) Dibenzo(a,h)anthracene	26.874	278	2192977	38.788	ng	99
92) Benzo(g,h,i)perylene	27.692	276	2219338	38.632	ng	100

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

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