Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
Data File : BM036830.D
Acq On : 04 Oct 2022 17:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 04 22:06:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	505337	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	2148256	20.000	ng		-0.01
39) Acenaphthene-d10	14.598	164	1274648	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	2402982	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1783469	20.000	ng		0.00
86) Perylene-d12	23.927	264	1527568	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2420544	85.008	ng		0.00
7) Phenol-d6	7.128	99	3352622	83.823	ng		-0.01
23) Nitrobenzene-d5	9.140	82	3321172	82.691	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	923949	92.423	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	6972039	84.340	ng		0.00
79) Terphenyl-d14	19.957	244	7858256	87.789	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	495833	40.414	ng		97
3) Pyridine	3.805	79	1533494m	40.493	ng		
4) n-Nitrosodimethylamine	3.711	42	647966	39.420	ng		97
6) Aniline	7.293	93	2048086	40.329	ng		99
8) 2-Chlorophenol	7.528	128	1421570	41.840	ng		96
9) Benzaldehyde	7.105	77	946938	36.964	ng		96
10) Phenol	7.158	94	1879340	41.024	ng		98
11) bis(2-Chloroethyl)ether	7.393	93	1511125	40.383	ng		96
12) 1,3-Dichlorobenzene	7.852	146	1511334	40.601	ng		98
13) 1,4-Dichlorobenzene	8.005	146	1551866	40.679	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1479699	40.493	ng		99
15) Benzyl Alcohol	8.210	79	1249839	40.107	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.499	45	2034385	37.223	ng		98
17) 2-Methylphenol	8.410	107	1226944	41.019	ng		98
18) Hexachloroethane	9.052	117	568719	40.411	ng		95
19) n-Nitroso-di-n-propyla...	8.787	70	1207834	39.756	ng		96
20) 3+4-Methylphenols	8.746	107	1696683	41.263	ng		99
22) Acetophenone	8.799	105	2207361	40.937	ng	#	97
24) Nitrobenzene	9.181	77	1722275	40.548	ng		98
25) Isophorone	9.710	82	3098258	41.727	ng		98
26) 2-Nitrophenol	9.893	139	720023	42.853	ng		97
27) 2,4-Dimethylphenol	9.951	122	1173459	42.710	ng		99
28) bis(2-Chloroethoxy)met...	10.193	93	1827417	40.686	ng		100
29) 2,4-Dichlorophenol	10.422	162	1276437	44.000	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	1325439	42.432	ng		99
31) Naphthalene	10.828	128	4702626	40.519	ng		99
32) Benzoic acid	10.116	122	958212	41.536	ng		97
33) 4-Chloroaniline	10.940	127	1916557	41.081	ng		98
34) Hexachlorobutadiene	11.110	225	732963	42.905	ng		100
35) Caprolactam	11.757	113	424461	42.399	ng		93
36) 4-Chloro-3-methylphenol	12.057	107	1455385	42.674	ng		98
37) 2-Methylnaphthalene	12.434	142	3262982	41.854	ng		99
38) 1-Methylnaphthalene	12.651	142	3196409	41.893	ng		100
40) 1,2,4,5-Tetrachloroben...	12.798	216	1350701	43.166	ng		99
41) Hexachlorocyclopentadiene	12.775	237	697133	45.483	ng		98
43) 2,4,6-Trichlorophenol	13.040	196	977855	45.582	ng		99

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1073058	44.938	ng	97
46) 1,1'-Biphenyl	13.440	154	3916225	41.674	ng	99
47) 2-Chloronaphthalene	13.481	162	3026699	41.942	ng	99
48) 2-Nitroaniline	13.687	65	982057	39.363	ng	96
49) Acenaphthylene	14.322	152	4949243	42.350	ng	99
50) Dimethylphthalate	14.063	163	3812054	42.409	ng	99
51) 2,6-Dinitrotoluene	14.181	165	798565	44.463	ng	93
52) Acenaphthene	14.663	154	3002580	41.344	ng	99
53) 3-Nitroaniline	14.510	138	939331	43.564	ng	98
54) 2,4-Dinitrophenol	14.710	184	418377	42.330	ng	96
55) Dibenzofuran	14.998	168	4547358	41.357	ng	98
56) 4-Nitrophenol	14.810	139	714323	41.440	ng	98
57) 2,4-Dinitrotoluene	14.963	165	1053698	40.914	ng	96
58) Fluorene	15.645	166	3773699	41.891	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	879116	44.514	ng	96
60) Diethylphthalate	15.422	149	3892990	41.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1700592	43.197	ng	93
62) 4-Nitroaniline	15.675	138	959899	40.063	ng	95
63) Azobenzene	15.928	77	4103347	39.576	ng	97
65) 4,6-Dinitro-2-methylph...	15.722	198	546857	42.185	ng	96
66) n-Nitrosodiphenylamine	15.851	169	3127718	42.129	ng	99
67) 4-Bromophenyl-phenylether	16.528	248	963778	43.493	ng	98
68) Hexachlorobenzene	16.645	284	1062166	43.286	ng	92
69) Atrazine	16.804	200	904815	44.240	ng	99
70) Pentachlorophenol	16.986	266	668862	44.413	ng	99
71) Phenanthrene	17.380	178	5498088	40.868	ng	100
72) Anthracene	17.469	178	5347621	41.686	ng	99
73) Carbazole	17.739	167	4918792	41.080	ng	99
74) Di-n-butylphthalate	18.304	149	6406870	42.729	ng	99
75) Fluoranthene	19.392	202	5622011	40.616	ng	99
77) Benzidine	19.574	184	1369403	36.597	ng	100
78) Pyrene	19.751	202	5785923	43.080	ng	100
80) Butylbenzylphthalate	20.651	149	2434705	39.377	ng	98
81) Benzo(a)anthracene	21.498	228	4861358	41.966	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1431893	45.536	ng	100
83) Chrysene	21.551	228	4569497	40.955	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	3589870	39.951	ng	99
85) Di-n-octyl phthalate	22.357	149	5399582	38.953	ng	97
87) Indeno(1,2,3-cd)pyrene	26.445	276	4457674	44.188	ng	98
88) Benzo(b)fluoranthene	23.192	252	4012016	41.445	ng	99
89) Benzo(k)fluoranthene	23.245	252	4163794	41.805	ng	99
90) Benzo(a)pyrene	23.821	252	3305518	42.459	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	3731761	44.405	ng	99
92) Benzo(g,h,i)perylene	27.215	276	3571345	43.771	ng	98

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

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