Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
Data File : BM035424.D
Acq On : 08 Jun 2022 11:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 00:49:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
06/09/2022
Supervised By :Jagrut Upadhyay
06/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	187537	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	731084	20.000	ng	#	0.00
39) Acenaphthene-d10	14.480	164	524323	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1186093	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1407300	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1500966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	765911	85.819	ng		0.00
7) Phenol-d6	7.022	99	1038627	85.197	ng		0.00
23) Nitrobenzene-d5	9.004	82	941371	81.760	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	685973	81.541	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2915471	79.863	ng		0.00
79) Terphenyl-d14	19.856	244	5250969	74.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	137306	45.861	ng	#	87
3) Pyridine	3.728	79	382343	46.831	ng	#	85
4) n-Nitrosodimethylamine	3.640	42	139080	45.147	ng	#	58
6) Aniline	7.169	93	563315	42.273	ng		94
8) 2-Chlorophenol	7.410	128	459235	41.008	ng		89
9) Benzaldehyde	6.981	77	234580	47.914	ng		87
10) Phenol	7.051	94	504886	42.961	ng		88
11) bis(2-Chloroethyl)ether	7.269	93	398385	41.673	ng		90
12) 1,3-Dichlorobenzene	7.728	146	523536	40.031	ng	#	94
13) 1,4-Dichlorobenzene	7.875	146	536086	39.924	ng		96
14) 1,2-Dichlorobenzene	8.192	146	528528	40.140	ng		96
15) Benzyl Alcohol	8.087	79	354365	39.780	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.375	45	481932	41.347	ng		94
17) 2-Methylphenol	8.298	107	366972	41.304	ng	#	92
18) Hexachloroethane	8.916	117	171208	39.090	ng	#	82
19) n-Nitroso-di-n-propyla...	8.651	70	307108	39.836	ng	#	85
20) 3+4-Methylphenols	8.628	107	514501	41.372	ng		94
22) Acetophenone	8.669	105	667456	41.067	ng	#	89
24) Nitrobenzene	9.045	77	431250	41.349	ng	#	89
25) Isophorone	9.575	82	795320	39.938	ng	#	93
26) 2-Nitrophenol	9.757	139	278570	40.818	ng	#	82
27) 2,4-Dimethylphenol	9.828	122	371936	41.097	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	559222	40.635	ng		98
29) 2,4-Dichlorophenol	10.298	162	494979	40.110	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	564179	39.743	ng		97
31) Naphthalene	10.686	128	1442495	40.722	ng		99
32) Benzoic acid	10.022	122	344564	42.562	ng		88
33) 4-Chloroaniline	10.804	127	611400	41.215	ng	#	94
34) Hexachlorobutadiene	10.975	225	356767	38.007	ng		99
35) Caprolactam	11.616	113	154865	42.639	ng	#	73
36) 4-Chloro-3-methylphenol	11.945	107	460715	40.497	ng		91
37) 2-Methylnaphthalene	12.304	142	1063297m	39.780	ng		
38) 1-Methylnaphthalene	12.522	142	1042586	39.802	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	679935	39.556	ng	#	96
41) Hexachlorocyclopentadiene	12.651	237	303252	38.822	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	457928	39.469	ng		98

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44) 2,4,5-Trichlorophenol	13.004	196	504047	40.466	ng	#	89
46) 1,1'-Biphenyl	13.316	154	1494386	39.983	ng		99
47) 2-Chloronaphthalene	13.357	162	1175717	40.321	ng		96
48) 2-Nitroaniline	13.569	65	274189	42.314	ng	#	78
49) Acenaphthylene	14.204	152	1814104	40.853	ng		99
50) Dimethylphthalate	13.945	163	1533824	39.794	ng		99
51) 2,6-Dinitrotoluene	14.069	165	335594	40.787	ng	#	69
52) Acenaphthene	14.545	154	1101190	40.954	ng		99
53) 3-Nitroaniline	14.398	138	341437	43.714	ng		85
54) 2,4-Dinitrophenol	14.616	184	222230	39.304	ng	#	69
55) Dibenzofuran	14.880	168	1873707	40.572	ng		91
56) 4-Nitrophenol	14.727	139	256033	43.678	ng	#	76
57) 2,4-Dinitrotoluene	14.863	165	476541	42.310	ng	#	78
58) Fluorene	15.533	166	1491381	41.333	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	464696	40.527	ng	#	79
60) Diethylphthalate	15.310	149	1493111	39.172	ng		95
61) 4-Chlorophenyl-phenyle...	15.521	204	823515	39.793	ng	#	87
62) 4-Nitroaniline	15.563	138	370838	45.505	ng	#	81
63) Azobenzene	15.815	77	1117770	41.301	ng		86
65) 4,6-Dinitro-2-methylph...	15.627	198	345324	43.339	ng	#	77
66) n-Nitrosodiphenylamine	15.739	169	1351812	40.388	ng		99
67) 4-Bromophenyl-phenylether	16.415	248	553455	38.495	ng	#	86
68) Hexachlorobenzene	16.539	284	635927	39.543	ng	#	83
69) Atrazine	16.698	200	480090	38.977	ng		97
70) Pentachlorophenol	16.886	266	365384	41.569	ng		99
71) Phenanthrene	17.268	178	2475368	41.232	ng		99
72) Anthracene	17.362	178	2469878	41.295	ng		99
73) Carbazole	17.639	167	2422344	43.006	ng		97
74) Di-n-butylphthalate	18.198	149	2713003	38.788	ng	#	98
75) Fluoranthene	19.286	202	3101872	42.801	ng		99
77) Benzidine	19.474	184	1141774	43.099	ng		100
78) Pyrene	19.651	202	3223266	37.769	ng		100
80) Butylbenzylphthalate	20.550	149	1328220	36.641	ng	#	84
81) Benzo(a)anthracene	21.403	228	3471274	40.175	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	929647	40.915	ng	#	99
83) Chrysene	21.456	228	3351769	40.627	ng		100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1961315	35.921	ng	#	95
85) Di-n-octyl phthalate	22.239	149	3514708	36.829	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.215	276	3897081	39.139	ng		96
88) Benzo(b)fluoranthene	23.056	252	3554052	41.110	ng		99
89) Benzo(k)fluoranthene	23.103	252	3485198	39.396	ng		99
90) Benzo(a)pyrene	23.668	252	2984841	40.551	ng		98
91) Dibenzo(a,h)anthracene	26.221	278	3235866	38.936	ng		97
92) Benzo(g,h,i)perylene	26.956	276	3130862	39.058	ng		96

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

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