Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036043.D
Acq On : 02 Aug 2022 09:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 00:50:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

08/03/2022
Supervised By :Jagrut Upadhyay

08/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	264451	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1143484	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	693234	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1428527	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1488298	20.000	ng		0.00
86) Perylene-d12	23.791	264	1507426	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1213496	74.395	ng		0.00
7) Phenol-d6	7.034	99	1563604	75.336	ng		0.00
23) Nitrobenzene-d5	9.034	82	1471977	72.058	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	583739	71.778	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3297397	70.229	ng		0.00
79) Terphenyl-d14	19.868	244	5139690	68.116	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	243360	37.025	ng	#	92
3) Pyridine	3.705	79	671258	38.085	ng		88
4) n-Nitrosodimethylamine	3.616	42	275896	38.092	ng	#	68
6) Aniline	7.193	93	875423	38.089	ng		96
8) 2-Chlorophenol	7.428	128	644467	37.057	ng		97
9) Benzaldehyde	7.004	77	368368	33.525	ng		96
10) Phenol	7.063	94	789529	37.780	ng		90
11) bis(2-Chloroethyl)ether	7.293	93	643126	37.358	ng		97
12) 1,3-Dichlorobenzene	7.751	146	706218	36.645	ng		98
13) 1,4-Dichlorobenzene	7.904	146	724360	36.856	ng		98
14) 1,2-Dichlorobenzene	8.216	146	704384	37.144	ng		99
15) Benzyl Alcohol	8.110	79	517869	37.182	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.404	45	858331	37.496	ng		97
17) 2-Methylphenol	8.316	107	513782	37.140	ng		96
18) Hexachloroethane	8.945	117	261613	36.977	ng		95
19) n-Nitroso-di-n-propyla...	8.681	70	485346	38.498	ng		88
20) 3+4-Methylphenols	8.645	107	708406	37.692	ng		97
22) Acetophenone	8.698	105	962718	35.566	ng	#	92
24) Nitrobenzene	9.075	77	689932	35.926	ng		98
25) Isophorone	9.604	82	1181250	35.546	ng		99
26) 2-Nitrophenol	9.787	139	315663	34.850	ng		93
27) 2,4-Dimethylphenol	9.851	122	503939	35.915	ng		98
28) bis(2-Chloroethoxy)met...	10.086	93	843987	35.648	ng		99
29) 2,4-Dichlorophenol	10.322	162	564621	35.783	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	629695	35.215	ng		98
31) Naphthalene	10.722	128	2022693	35.579	ng		99
32) Benzoic acid	9.981	122	382466	34.386	ng		94
33) 4-Chloroaniline	10.839	127	821120	35.838	ng		96
34) Hexachlorobutadiene	11.004	225	363706	34.614	ng		98
35) Caprolactam	11.628	113	173361	35.669	ng		96
36) 4-Chloro-3-methylphenol	11.963	107	592157	35.703	ng		99
37) 2-Methylnaphthalene	12.333	142	1347164	35.609	ng		98
38) 1-Methylnaphthalene	12.551	142	1318476	35.588	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	647681	34.461	ng		99
41) Hexachlorocyclopentadiene	12.675	237	340686	34.226	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	448474	35.068	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	479471	35.516	ng	97
46) 1,1'-Biphenyl	13.345	154	1757863	34.795	ng	99
47) 2-Chloronaphthalene	13.386	162	1339959	34.654	ng	99
48) 2-Nitroaniline	13.592	65	384089	36.450	ng	93
49) Acenaphthylene	14.227	152	2102468	35.176	ng	100
50) Dimethylphthalate	13.969	163	1637265	34.730	ng	100
51) 2,6-Dinitrotoluene	14.086	165	343422	36.308	ng	97
52) Acenaphthene	14.569	154	1373459m	35.128	ng	
53) 3-Nitroaniline	14.416	138	408448	37.012	ng	95
54) 2,4-Dinitrophenol	14.621	184	180042	35.970	ng	91
55) Dibenzofuran	14.904	168	2066588	35.296	ng	98
56) 4-Nitrophenol	14.721	139	334521	37.879	ng	85
57) 2,4-Dinitrotoluene	14.874	165	461537	37.228	ng	98
58) Fluorene	15.551	166	1628537	35.261	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	409009	35.766	ng	97
60) Diethylphthalate	15.327	149	1705454	35.203	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	805510	34.977	ng	97
62) 4-Nitroaniline	15.580	138	434704	38.290	ng	89
63) Azobenzene	15.839	77	1663686	36.123	ng	94
65) 4,6-Dinitro-2-methylph...	15.633	198	262759	35.973	ng	94
66) n-Nitrosodiphenylamine	15.763	169	1385183	34.349	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	480296	33.613	ng	95
68) Hexachlorobenzene	16.545	284	561279	34.235	ng	93
69) Atrazine	16.715	200	419485	37.175	ng	98
70) Pentachlorophenol	16.892	266	344263	35.853	ng	99
71) Phenanthrene	17.286	178	2542326	34.932	ng	99
72) Anthracene	17.374	178	2488348	35.316	ng	99
73) Carbazole	17.651	167	2587512	36.244	ng	99
74) Di-n-butylphthalate	18.215	149	3017521	35.407	ng	99
75) Fluoranthene	19.298	202	2962431	36.364	ng	97
77) Benzidine	19.492	184	1033143	46.288	ng	99
78) Pyrene	19.662	202	3107068	33.667	ng	99
80) Butylbenzylphthalate	20.568	149	1351840	33.938	ng	98
81) Benzo(a)anthracene	21.409	228	3238323	35.326	ng	98
82) 3,3'-Dichlorobenzidine	21.345	252	809014	36.345	ng	100
83) Chrysene	21.462	228	3067724	35.204	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2046746	34.060	ng	99
85) Di-n-octyl phthalate	22.262	149	3369614	34.358	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	3692742	34.859	ng	99
88) Benzo(b)fluoranthene	23.068	252	3066892	34.725	ng	99
89) Benzo(k)fluoranthene	23.121	252	3185122	35.707	ng	99
90) Benzo(a)pyrene	23.686	252	2604701	35.150	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	3088401	34.829	ng	99
92) Benzo(g,h,i)perylene	27.003	276	3012215	35.090	ng	99

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

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