Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036187.D
Acq On : 10 Aug 2022 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 22:21:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	205677	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	853130	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	493097	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	997683	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1109263	20.000	ng		0.00
86) Perylene-d12	23.744	264	1233515	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1054799	83.145	ng		0.00
7) Phenol-d6	7.034	99	1358303	84.145	ng		0.00
23) Nitrobenzene-d5	9.004	82	1207539	79.231	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	439848	76.037	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2479158	74.233	ng		0.00
79) Terphenyl-d14	19.845	244	3707833	65.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	233642	45.705	ng	#	92
3) Pyridine	3.675	79	574682	41.923	ng		90
4) n-Nitrosodimethylamine	3.593	42	234346	41.602	ng	#	60
6) Aniline	7.169	93	743290	41.581	ng		95
8) 2-Chlorophenol	7.404	128	552974	40.882	ng		96
9) Benzaldehyde	6.975	77	313519	36.687	ng		94
10) Phenol	7.063	94	679583	41.811	ng		91
11) bis(2-Chloroethyl)ether	7.263	93	508821	38.002	ng		95
12) 1,3-Dichlorobenzene	7.716	146	598601	39.937	ng		98
13) 1,4-Dichlorobenzene	7.869	146	615328	40.255	ng		98
14) 1,2-Dichlorobenzene	8.187	146	591439	40.101	ng		98
15) Benzyl Alcohol	8.092	79	437428	40.381	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.369	45	660488	37.098	ng		97
17) 2-Methylphenol	8.304	107	439980	40.893	ng		95
18) Hexachloroethane	8.910	117	214959	39.065	ng		96
19) n-Nitroso-di-n-propyla...	8.651	70	374601	38.205	ng		88
20) 3+4-Methylphenols	8.640	107	600600	41.087	ng		97
22) Acetophenone	8.669	105	786472	38.944	ng	#	92
24) Nitrobenzene	9.045	77	566494	39.538	ng		97
25) Isophorone	9.575	82	927848	37.423	ng		98
26) 2-Nitrophenol	9.757	139	288406	42.677	ng		92
27) 2,4-Dimethylphenol	9.834	122	416327	39.770	ng		98
28) bis(2-Chloroethoxy)met...	10.057	93	631796	35.767	ng		99
29) 2,4-Dichlorophenol	10.304	162	465633	39.552	ng		100
30) 1,2,4-Trichlorobenzene	10.498	180	504919	37.847	ng		97
31) Naphthalene	10.686	128	1634674	38.540	ng		99
32) Benzoic acid	9.992	122	354828	42.759	ng		91
33) 4-Chloroaniline	10.810	127	662429	38.752	ng		96
34) Hexachlorobutadiene	10.963	225	286504	36.546	ng		97
35) Caprolactam	11.610	113	155522	42.889	ng		95
36) 4-Chloro-3-methylphenol	11.957	107	484347	39.142	ng		99
37) 2-Methylnaphthalene	12.298	142	1054179	37.349	ng		96
38) 1-Methylnaphthalene	12.522	142	1040514	37.644	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	499280	37.348	ng		99
41) Hexachlorocyclopentadiene	12.639	237	295740	41.770	ng		98
43) 2,4,6-Trichlorophenol	12.922	196	355261	39.054	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	377222	39.283	ng	98
46) 1,1'-Biphenyl	13.310	154	1349039	37.540	ng	98
47) 2-Chloronaphthalene	13.357	162	1050115	38.181	ng	100
48) 2-Nitroaniline	13.575	65	317032	42.297	ng	91
49) Acenaphthylene	14.198	152	1652262	38.863	ng	99
50) Dimethylphthalate	13.945	163	1233254	36.778	ng	99
51) 2,6-Dinitrotoluene	14.069	165	264653	39.336	ng	88
52) Acenaphthene	14.539	154	1074997m	38.654	ng	
53) 3-Nitroaniline	14.398	138	329736	42.007	ng	97
54) 2,4-Dinitrophenol	14.604	184	160968	45.212	ng	93
55) Dibenzofuran	14.874	168	1577095	37.868	ng	97
56) 4-Nitrophenol	14.739	139	287868	45.827	ng	86
57) 2,4-Dinitrotoluene	14.851	165	363886	41.264	ng	98
58) Fluorene	15.521	166	1234934	37.591	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	307172	37.763	ng	97
60) Diethylphthalate	15.304	149	1236416	35.880	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	583913	35.645	ng	97
62) 4-Nitroaniline	15.563	138	357063m	44.217	ng	
63) Azobenzene	15.810	77	1208143	36.879	ng	94
65) 4,6-Dinitro-2-methylph...	15.610	198	222734	43.662	ng	94
66) n-Nitrosodiphenylamine	15.739	169	1042513	37.015	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	347925	34.864	ng	97
68) Hexachlorobenzene	16.521	284	415023	36.246	ng	91
69) Atrazine	16.692	200	309211	39.236	ng	98
70) Pentachlorophenol	16.874	266	265007	39.518	ng	99
71) Phenanthrene	17.262	178	1938799	38.144	ng	99
72) Anthracene	17.351	178	1918163	38.980	ng	99
73) Carbazole	17.633	167	2020485	40.523	ng	99
74) Di-n-butylphthalate	18.186	149	2099146	35.268	ng	99
75) Fluoranthene	19.274	202	2293681	40.313	ng	98
77) Benzidine	19.474	184	1046209	62.889	ng	99
78) Pyrene	19.639	202	2393637	34.799	ng	99
80) Butylbenzylphthalate	20.539	149	1066568	35.926	ng	98
81) Benzo(a)anthracene	21.386	228	2558468	37.446	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	708168	42.686	ng	99
83) Chrysene	21.439	228	2425626	37.347	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1475969	32.954	ng	99
85) Di-n-octyl phthalate	22.221	149	2607464	35.672	ng	95
87) Indeno(1,2,3-cd)pyrene	26.191	276	3405492	39.286	ng	99
88) Benzo(b)fluoranthene	23.033	252	2645451	36.605	ng	99
89) Benzo(k)fluoranthene	23.080	252	2626748	35.986	ng	99
90) Benzo(a)pyrene	23.644	252	2294459	37.839	ng	98
91) Dibenzo(a,h)anthracene	26.203	278	2830274	39.006	ng	99
92) Benzo(g,h,i)perylene	26.944	276	2818006	40.117	ng	99

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

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