Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034378.D
Acq On : 25 Mar 2022 10:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 05:37:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	225109	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	960512	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	629133	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1301518	20.000	ng		0.00
76) Chrysene-d12	21.500	240	1288066	20.000	ng		0.00
86) Perylene-d12	23.924	264	1363603	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1056317	84.181	ng		0.00
7) Phenol-d6	7.107	99	1565462	87.135	ng		0.00
23) Nitrobenzene-d5	9.107	82	1616342	81.930	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	729489	86.026	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3615811	78.536	ng		0.00
79) Terphenyl-d14	19.942	244	5662436	76.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	204296	35.984	ng		99
3) Pyridine	3.754	79	616460	40.126	ng		99
4) n-Nitrosodimethylamine	3.666	42	273285	37.464	ng		96
6) Aniline	7.260	93	885954	43.152	ng		100
8) 2-Chlorophenol	7.501	128	620795	42.298	ng		97
9) Benzaldehyde	7.072	77	408251	42.177	ng		97
10) Phenol	7.131	94	767834	42.972	ng		98
11) bis(2-Chloroethyl)ether	7.360	93	612114	41.736	ng		99
12) 1,3-Dichlorobenzene	7.831	146	659440	39.611	ng		99
13) 1,4-Dichlorobenzene	7.978	146	675968	39.661	ng		99
14) 1,2-Dichlorobenzene	8.295	146	668258	40.221	ng		98
15) Benzyl Alcohol	8.184	79	622618	43.546	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.472	45	846725	42.069	ng		99
17) 2-Methylphenol	8.389	107	534985	42.749	ng		97
18) Hexachloroethane	9.031	117	254149	40.430	ng		98
19) n-Nitroso-di-n-propyla...	8.754	70	550392	42.353	ng		100
20) 3+4-Methylphenols	8.719	107	753451	43.533	ng		98
22) Acetophenone	8.766	105	1013454	41.115	ng	#	99
24) Nitrobenzene	9.148	77	744637	40.427	ng		97
25) Isophorone	9.683	82	1402859	42.494	ng		99
26) 2-Nitrophenol	9.866	139	364229	44.591	ng		97
27) 2,4-Dimethylphenol	9.925	122	526567	41.169	ng		97
28) bis(2-Chloroethoxy)met...	10.160	93	867718	41.054	ng		100
29) 2,4-Dichlorophenol	10.407	162	610918	41.110	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	652403	38.621	ng		99
31) Naphthalene	10.807	128	1999086	39.949	ng		99
32) Benzoic acid	10.095	122	488429	46.180	ng		100
33) 4-Chloroaniline	10.913	127	840367	42.573	ng		99
34) Hexachlorobutadiene	11.095	225	404373	37.794	ng		98
35) Caprolactam	11.719	113	234388	45.372	ng		96
36) 4-Chloro-3-methylphenol	12.042	107	710263	41.706	ng		99
37) 2-Methylnaphthalene	12.419	142	1431364	40.087	ng		98
38) 1-Methylnaphthalene	12.636	142	1411008	40.397	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	732475	38.580	ng		100
41) Hexachlorocyclopentadiene	12.766	237	422761	38.457	ng		100
43) 2,4,6-Trichlorophenol	13.024	196	538555	41.086	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	583697	41.487	ng	98
46) 1,1'-Biphenyl	13.424	154	1887548	39.348	ng	99
47) 2-Chloronaphthalene	13.466	162	1456925	39.567	ng	97
48) 2-Nitroaniline	13.666	65	502285	44.620	ng	98
49) Acenaphthylene	14.307	152	2322726	40.473	ng	100
50) Dimethylphthalate	14.048	163	1937214	40.457	ng	99
51) 2,6-Dinitrotoluene	14.160	165	413309	42.083	ng	96
52) Acenaphthene	14.654	154	1565474m	40.497	ng	
53) 3-Nitroaniline	14.489	138	444928	45.154	ng	99
54) 2,4-Dinitrophenol	14.695	184	266111	48.360	ng	96
55) Dibenzofuran	14.983	168	2288748	39.730	ng	99
56) 4-Nitrophenol	14.801	139	391039	48.952	ng	96
57) 2,4-Dinitrotoluene	14.948	165	581772	43.822	ng	94
58) Fluorene	15.630	166	1904252	40.717	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.212	232	517720	40.807	ng	99
60) Diethylphthalate	15.401	149	2007016	40.854	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	958455	40.141	ng	99
62) 4-Nitroaniline	15.648	138	457865	48.303	ng	96
63) Azobenzene	15.918	77	1956884	41.309	ng	97
65) 4,6-Dinitro-2-methylph...	15.712	198	373019	44.076	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1651306	39.936	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	594860	39.758	ng	96
68) Hexachlorobenzene	16.642	284	653571	39.164	ng	98
69) Atrazine	16.789	200	561511	41.199	ng	99
70) Pentachlorophenol	16.983	266	441102	41.333	ng	99
71) Phenanthrene	17.371	178	2935326	40.272	ng	99
72) Anthracene	17.459	178	2920826	41.171	ng	100
73) Carbazole	17.730	167	2857454	43.188	ng	100
74) Di-n-butylphthalate	18.289	149	3545676	43.108	ng	99
75) Fluoranthene	19.383	202	3393438	41.531	ng	98
77) Benzidine	19.559	184	984947	52.180	ng	99
78) Pyrene	19.742	202	3465071	38.182	ng	100
80) Butylbenzylphthalate	20.630	149	1645114	42.864	ng	97
81) Benzo(a)anthracene	21.489	228	3329851	40.959	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	1213500	44.690	ng	98
83) Chrysene	21.541	228	3232797	38.940	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	2462561	43.450	ng	98
85) Di-n-octyl phthalate	22.336	149	4220497	46.913	ng	99
87) Indeno(1,2,3-cd)pyrene	26.459	276	3687650	42.039	ng	97
88) Benzo(b)fluoranthene	23.183	252	3195441	39.188	ng	99
89) Benzo(k)fluoranthene	23.235	252	3444061	39.872	ng	100
90) Benzo(a)pyrene	23.818	252	2810883	40.664	ng	99
91) Dibenzo(a,h)anthracene	26.471	278	3088442	43.422	ng	98
92) Benzo(g,h,i)perylene	27.241	276	2993340	40.660	ng	99

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

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