Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036031.D
Acq On : 01 Aug 2022 15:02
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 15:59:17 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 15:55:40 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	323498	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1359305	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	801336	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1537713	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1462064	20.000	ng		0.00
86) Perylene-d12	23.791	264	1475079	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1436837	68.858	ng		0.00
7) Phenol-d6	7.040	99	1816765	69.237	ng		0.00
23) Nitrobenzene-d5	9.039	82	1721221	67.724	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	659432	73.570	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	3892137	68.655	ng		0.00
79) Terphenyl-d14	19.874	244	5332060	70.957	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	285093	33.054	ng	#	92
3) Pyridine	3.705	79	746273m	32.557	ng		
4) n-Nitrosodimethylamine	3.622	42	313118	32.686	ng	#	59
6) Aniline	7.198	93	1009730	35.041	ng		96
8) 2-Chlorophenol	7.434	128	774780	35.932	ng		96
9) Benzaldehyde	7.010	77	426904	28.959	ng		95
10) Phenol	7.069	94	911687	34.499	ng		90
11) bis(2-Chloroethyl)ether	7.298	93	772620	36.235	ng		96
12) 1,3-Dichlorobenzene	7.757	146	866100	36.011	ng		98
13) 1,4-Dichlorobenzene	7.904	146	884513	36.120	ng		99
14) 1,2-Dichlorobenzene	8.222	146	853817	36.049	ng		99
15) Benzyl Alcohol	8.116	79	614747	35.557	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1040578	37.484	ng		97
17) 2-Methylphenol	8.322	107	604900	35.258	ng		96
18) Hexachloroethane	8.951	117	326137	37.020	ng		96
19) n-Nitroso-di-n-propyla...	8.687	70	564145	37.084	ng	#	88
20) 3+4-Methylphenols	8.651	107	827622	35.692	ng		97
22) Acetophenone	8.704	105	1141264	33.972	ng	#	91
24) Nitrobenzene	9.081	77	807596	33.831	ng		98
25) Isophorone	9.610	82	1412208	35.520	ng		99
26) 2-Nitrophenol	9.792	139	391604	36.418	ng		90
27) 2,4-Dimethylphenol	9.851	122	593776	35.006	ng		97
28) bis(2-Chloroethoxy)met...	10.092	93	1016801	36.744	ng		99
29) 2,4-Dichlorophenol	10.328	162	670866	35.672	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	765750	35.281	ng		98
31) Naphthalene	10.728	128	2378388	34.437	ng		100
32) Benzoic acid	9.986	122	470112	36.646	ng		93
33) 4-Chloroaniline	10.845	127	953707	34.518	ng		94
34) Hexachlorobutadiene	11.010	225	461770	37.070	ng		97
35) Caprolactam	11.639	113	193948	33.721	ng		93
36) 4-Chloro-3-methylphenol	11.969	107	687331	35.641	ng		99
37) 2-Methylnaphthalene	12.339	142	1598396	35.576	ng		97
38) 1-Methylnaphthalene	12.557	142	1549722	35.437	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	787361	34.391	ng		99
41) Hexachlorocyclopentadiene	12.680	237	436391	35.364	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	532588	35.193	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	557976	34.969	ng	98
46) 1,1'-Biphenyl	13.351	154	2062620	33.836	ng	99
47) 2-Chloronaphthalene	13.386	162	1572565	33.563	ng	98
48) 2-Nitroaniline	13.598	65	418511	32.416	ng	91
49) Acenaphthylene	14.233	152	2418283	33.520	ng	100
50) Dimethylphthalate	13.974	163	1885396	35.745	ng	99
51) 2,6-Dinitrotoluene	14.092	165	387947	35.174	ng	94
52) Acenaphthene	14.574	154	1565731m	36.229	ng	
53) 3-Nitroaniline	14.421	138	436656	32.883	ng	96
54) 2,4-Dinitrophenol	14.627	184	200775	36.943	ng	89
55) Dibenzofuran	14.910	168	2340232	33.798	ng	97
56) 4-Nitrophenol	14.727	139	346554	33.261	ng	84
57) 2,4-Dinitrotoluene	14.874	165	502864	34.839	ng	98
58) Fluorene	15.557	166	1827402	33.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	460271	35.886	ng	98
60) Diethylphthalate	15.333	149	1954762	37.401	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	934856	35.342	ng	97
62) 4-Nitroaniline	15.580	138	446012	32.802	ng	93
63) Azobenzene	15.845	77	1903042	35.461	ng	93
65) 4,6-Dinitro-2-methylph...	15.639	198	289981	37.554	ng	91
66) n-Nitrosodiphenylamine	15.768	169	1551921	34.370	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	553498	35.806	ng	96
68) Hexachlorobenzene	16.551	284	632141	35.228	ng	93
69) Atrazine	16.715	200	463004	39.022	ng	97
70) Pentachlorophenol	16.898	266	373489	37.509	ng	100
71) Phenanthrene	17.292	178	2726569	33.706	ng	99
72) Anthracene	17.380	178	2678003	34.059	ng	99
73) Carbazole	17.657	167	2653752	33.272	ng	99
74) Di-n-butylphthalate	18.221	149	3365613	41.444	ng	99
75) Fluoranthene	19.304	202	3029423	34.454	ng	98
77) Benzidine	19.492	184	841285	32.774	ng	99
78) Pyrene	19.668	202	3128093	32.721	ng	99
80) Butylbenzylphthalate	20.568	149	1430657	41.923	ng	99
81) Benzo(a)anthracene	21.415	228	3134771	33.870	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	779214	35.942	ng	99
83) Chrysene	21.468	228	2988462	33.838	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2207974	45.904	ng	100
85) Di-n-octyl phthalate	22.262	149	3638669	47.683	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	3617336	33.563	ng	98
88) Benzo(b)fluoranthene	23.074	252	3041346	34.638	ng	99
89) Benzo(k)fluoranthene	23.121	252	3073767	33.827	ng	99
90) Benzo(a)pyrene	23.686	252	2537000	33.945	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	3033210	33.867	ng	99
92) Benzo(g,h,i)perylene	27.009	276	2916217	33.017	ng	98

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

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