Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035237.D
Acq On : 25 May 2022 11:18
Operator : CG/JU
Sample : PB144970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 05:18:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 05:05:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144970BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	180192	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	700274	20.000	ng	#	0.00
39) Acenaphthene-d10	14.527	164	395618	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	680851	20.000	ng	#	0.00
76) Chrysene-d12	21.456	240	499948	20.000	ng	#	0.00
86) Perylene-d12	23.833	264	434641	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1357515	132.911	ng		0.00
7) Phenol-d6	7.075	99	1633568	123.893	ng		0.01
23) Nitrobenzene-d5	9.057	82	1065061	82.132	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	618074	143.620	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	2628523	96.451	ng		0.00
79) Terphenyl-d14	19.898	244	2794481	108.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	125958	30.479	ng		93
3) Pyridine	3.781	79	334221	29.027	ng		92
4) n-Nitrosodimethylamine	3.687	42	217444	38.301	ng		88
6) Aniline	7.222	93	586664	38.735	ng		98
8) 2-Chlorophenol	7.457	128	541878	47.669	ng		95
9) Benzaldehyde	7.034	77	66332	7.730	ng		92
10) Phenol	7.098	94	603957	44.789	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	447079	44.041	ng		95
12) 1,3-Dichlorobenzene	7.781	146	590083	45.825	ng		98
13) 1,4-Dichlorobenzene	7.928	146	599605	45.499	ng		99
14) 1,2-Dichlorobenzene	8.245	146	577890	46.060	ng		98
15) Benzyl Alcohol	8.140	79	447495	45.414	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	556675	33.837	ng		94
17) 2-Methylphenol	8.345	107	417654	45.613	ng		99
18) Hexachloroethane	8.975	117	211174	43.658	ng	#	89
19) n-Nitroso-di-n-propyla...	8.710	70	357067	41.366	ng		93
20) 3+4-Methylphenols	8.675	107	559568	44.664	ng		99
22) Acetophenone	8.722	105	741721	43.734	ng	#	95
24) Nitrobenzene	9.098	77	539976	41.395	ng		96
25) Isophorone	9.628	82	934887	43.120	ng		97
26) 2-Nitrophenol	9.810	139	291206	51.160	ng		93
27) 2,4-Dimethylphenol	9.875	122	468694	53.398	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	576453	46.200	ng		99
29) 2,4-Dichlorophenol	10.345	162	513090	49.580	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	581206	49.617	ng		98
31) Naphthalene	10.745	128	1538236	42.582	ng		100
32) Benzoic acid	10.051	122	322237	45.760	ng		99
33) 4-Chloroaniline	10.857	127	261338	17.984	ng		97
34) Hexachlorobutadiene	11.034	225	388596	53.730	ng		98
35) Caprolactam	11.657	113	120580m	40.342	ng		
36) 4-Chloro-3-methylphenol	11.986	107	470176	43.906	ng		99
37) 2-Methylnaphthalene	12.357	142	1070180	42.755	ng		99
38) 1-Methylnaphthalene	12.575	142	1026312	41.987	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	660422	58.626	ng		98
41) Hexachlorocyclopentadiene	12.710	237	936843	138.903	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	410096	53.777	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	427209	50.449	ng		95
46) 1,1'-Biphenyl	13.363	154	1403280	47.082	ng		99
47) 2-Chloronaphthalene	13.404	162	1095528	47.166	ng		99
48) 2-Nitroaniline	13.610	65	266660	39.909	ng		92
49) Acenaphthylene	14.251	152	1696861	47.450	ng		100
50) Dimethylphthalate	13.992	163	1253450	42.497	ng		99
51) 2,6-Dinitrotoluene	14.110	165	274826	45.765	ng		85
52) Acenaphthene	14.592	154	958274	39.552	ng		100
53) 3-Nitroaniline	14.433	138	154727	24.015	ng		97
54) 2,4-Dinitrophenol	14.645	184	324062	91.744	ng		88
55) Dibenzofuran	14.927	168	1533442	44.333	ng		98
56) 4-Nitrophenol	14.757	139	380337	72.271	ng		92
57) 2,4-Dinitrotoluene	14.898	165	359088	44.610	ng		90
58) Fluorene	15.574	166	1214883	42.284	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	343157	47.666	ng	#	88
60) Diethylphthalate	15.357	149	1191781	39.671	ng		97
61) 4-Chlorophenyl-phenyle...	15.569	204	662843	48.206	ng		94
62) 4-Nitroaniline	15.598	138	217963	32.670	ng		97
63) Azobenzene	15.863	77	990586	36.153	ng		96
65) 4,6-Dinitro-2-methylph...	15.663	198	198354	48.735	ng		89
66) n-Nitrosodiphenylamine	15.786	169	1010736	48.984	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	397232	57.397	ng		92
68) Hexachlorobenzene	16.586	284	437423	55.982	ng	#	89
69) Atrazine	16.739	200	346153	49.968	ng		98
70) Pentachlorophenol	16.927	266	495078	101.125	ng		99
71) Phenanthrene	17.315	178	1669401	43.994	ng		100
72) Anthracene	17.404	178	1689679	46.116	ng		100
73) Carbazole	17.674	167	1376184	41.125	ng		98
74) Di-n-butylphthalate	18.245	149	1719421	40.384	ng		100
75) Fluoranthene	19.333	202	1710620	41.055	ng		97
77) Benzidine	19.515	184	599384	39.244	ng		100
78) Pyrene	19.692	202	1706593	51.619	ng		100
80) Butylbenzylphthalate	20.592	149	626860	43.196	ng		94
81) Benzo(a)anthracene	21.439	228	1491753	44.717	ng		100
82) 3,3'-Dichlorobenzidine	21.374	252	388962	40.003	ng	#	99
83) Chrysene	21.492	228	1375550	43.169	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	905196	40.564	ng	#	97
85) Di-n-octyl phthalate	22.292	149	1435046	39.009	ng		96
87) Indeno(1,2,3-cd)pyrene	26.297	276	1391381	42.105	ng		95
88) Benzo(b)fluoranthene	23.115	252	1371768	50.180	ng		98
89) Benzo(k)fluoranthene	23.162	252	1261573	45.589	ng		99
90) Benzo(a)pyrene	23.727	252	1249332	55.009	ng		98
91) Dibenzo(a,h)anthracene	26.315	278	1217372	43.918	ng		97
92) Benzo(g,h,i)perylene	27.050	276	1207194	45.325	ng		96

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

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