Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035239.D
Acq On : 25 May 2022 12:30
Operator : CG/JU
Sample : PB145067BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 26 05:22:06 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 :
PB145067BS

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	7.892	152	182432	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	739970	20.000	ng	#	0.00
39) Acenaphthene-d10	14.533	164	456410	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	850256	20.000	ng		0.00
76) Chrysene-d12	21.456	240	596981	20.000	ng	#	0.00
86) Perylene-d12	23.833	264	479890	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1424880	137.794	ng		0.00
7) Phenol-d6	7.075	99	1770834	132.655	ng		0.01
23) Nitrobenzene-d5	9.057	82	1143107	83.422	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	802255	161.588	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3005746	95.602	ng		0.00
79) Terphenyl-d14	19.898	244	3662344	118.782	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	139812	33.416	ng		91
3) Pyridine	3.775	79	333702	28.626	ng		94
4) n-Nitrosodimethylamine	3.687	42	221045	38.457	ng		85
6) Aniline	7.222	93	646016	42.130	ng		98
8) 2-Chlorophenol	7.457	128	577972	50.220	ng		95
9) Benzaldehyde	7.028	77	70349	8.097	ng		97
10) Phenol	7.098	94	652958	47.828	ng		98
11) bis(2-Chloroethyl)ether	7.316	93	472794	46.002	ng		94
12) 1,3-Dichlorobenzene	7.781	146	600323	46.048	ng		97
13) 1,4-Dichlorobenzene	7.928	146	621944	46.614	ng		99
14) 1,2-Dichlorobenzene	8.245	146	594237	46.781	ng		99
15) Benzyl Alcohol	8.140	79	486085	48.725	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	594800	35.710	ng		94
17) 2-Methylphenol	8.345	107	458775	49.488	ng		99
18) Hexachloroethane	8.969	117	217310	44.375	ng		92
19) n-Nitroso-di-n-propyla...	8.710	70	387406	44.330	ng		93
20) 3+4-Methylphenols	8.675	107	620584	48.926	ng		97
22) Acetophenone	8.722	105	797188	44.483	ng	#	94
24) Nitrobenzene	9.098	77	579776	42.062	ng		97
25) Isophorone	9.628	82	1041502	45.460	ng		98
26) 2-Nitrophenol	9.804	139	319641	53.143	ng		96
27) 2,4-Dimethylphenol	9.875	122	522998	56.388	ng		95
28) bis(2-Chloroethoxy)met...	10.110	93	639395	48.495	ng		99
29) 2,4-Dichlorophenol	10.345	162	577240	52.787	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	624425	50.447	ng		97
31) Naphthalene	10.745	128	1667057	43.672	ng		100
32) Benzoic acid	10.057	122	387527	52.079	ng		99
33) 4-Chloroaniline	10.857	127	297831	19.396	ng		97
34) Hexachlorobutadiene	11.033	225	412938	54.033	ng		99
35) Caprolactam	11.663	113	148299m	46.954	ng		
36) 4-Chloro-3-methylphenol	11.992	107	558675	49.371	ng		99
37) 2-Methylnaphthalene	12.357	142	1195294	45.191	ng		99
38) 1-Methylnaphthalene	12.575	142	1147365	44.421	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	742907	57.164	ng		98
41) Hexachlorocyclopentadiene	12.710	237	1015645	130.529	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	490781	55.785	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	523058	53.540	ng	#	93
46) 1,1'-Biphenyl	13.369	154	1611684	46.872	ng		99
47) 2-Chloronaphthalene	13.410	162	1250621	46.671	ng		99
48) 2-Nitroaniline	13.610	65	326964	42.416	ng		94
49) Acenaphthylene	14.251	152	1996749	48.399	ng		100
50) Dimethylphthalate	13.998	163	1543729	45.367	ng	#	98
51) 2,6-Dinitrotoluene	14.110	165	344444	49.718	ng		87
52) Acenaphthene	14.598	154	1128280	40.366	ng		98
53) 3-Nitroaniline	14.433	138	199784	26.878	ng		96
54) 2,4-Dinitrophenol	14.651	184	424958	104.284	ng	#	83
55) Dibenzofuran	14.927	168	1828023	45.810	ng		97
56) 4-Nitrophenol	14.757	139	493337	81.257	ng		93
57) 2,4-Dinitrotoluene	14.898	165	452389	48.715	ng		90
58) Fluorene	15.580	166	1468000	44.288	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	433147	52.152	ng	#	87
60) Diethylphthalate	15.357	149	1500621	43.298	ng		98
61) 4-Chlorophenyl-phenyle...	15.574	204	808795	50.986	ng		91
62) 4-Nitroaniline	15.604	138	289819	37.654	ng		97
63) Azobenzene	15.863	77	1209287	38.257	ng		95
65) 4,6-Dinitro-2-methylph...	15.663	198	257854	50.731	ng		89
66) n-Nitrosodiphenylamine	15.786	169	1263183	49.021	ng		99
67) 4-Bromophenyl-phenylether	16.468	248	502072	58.091	ng	#	89
68) Hexachlorobenzene	16.586	284	546617	56.018	ng	#	90
69) Atrazine	16.745	200	455714	52.677	ng		96
70) Pentachlorophenol	16.927	266	663801	108.574	ng		99
71) Phenanthrene	17.315	178	2130017	44.949	ng		100
72) Anthracene	17.410	178	2172118	47.471	ng		99
73) Carbazole	17.674	167	1808894	43.286	ng		98
74) Di-n-butylphthalate	18.245	149	2277588	42.835	ng		99
75) Fluoranthene	19.333	202	2239394	43.037	ng		97
77) Benzidine	19.515	184	777473	42.631	ng		100
78) Pyrene	19.692	202	2249354	56.977	ng		100
80) Butylbenzylphthalate	20.592	149	820070	47.325	ng		93
81) Benzo(a)anthracene	21.439	228	1856586	46.607	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	472998	40.739	ng	#	97
83) Chrysene	21.492	228	1695828	44.570	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	1157701	43.447	ng	#	97
85) Di-n-octyl phthalate	22.292	149	1741710	39.650	ng		96
87) Indeno(1,2,3-cd)pyrene	26.297	276	1535188	42.076	ng		95
88) Benzo(b)fluoranthene	23.109	252	1529021	50.658	ng		98
89) Benzo(k)fluoranthene	23.156	252	1503082	49.194	ng		99
90) Benzo(a)pyrene	23.727	252	1432409	57.123	ng		97
91) Dibenzo(a,h)anthracene	26.309	278	1350503	44.127	ng		97
92) Benzo(g,h,i)perylene	27.050	276	1335404	45.411	ng	#	95

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

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