Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035238.D
Acq On : 25 May 2022 11:54
Operator : CG/JU
Sample : PB144970BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 05:20:37 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 :
PB144970BSD

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	174708	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	725464	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	450524	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	832250	20.000	ng		0.00
76) Chrysene-d12	21.456	240	593383	20.000	ng	#	0.00
86) Perylene-d12	23.833	264	478294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1395968	140.966	ng		0.00
7) Phenol-d6	7.075	99	1751218	136.985	ng		0.01
23) Nitrobenzene-d5	9.057	82	1156796	86.109	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	742776	151.562	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	2897005	93.347	ng		0.00
79) Terphenyl-d14	19.898	244	3607809	117.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	122512	30.575	ng		95
3) Pyridine	3.775	79	327324	29.320	ng		96
4) n-Nitrosodimethylamine	3.681	42	240139	43.627	ng		99
6) Aniline	7.222	93	634848	43.232	ng		100
8) 2-Chlorophenol	7.457	128	564868	51.251	ng		96
9) Benzaldehyde	7.028	77	71977	8.651	ng		97
10) Phenol	7.098	94	648023	49.565	ng		98
11) bis(2-Chloroethyl)ether	7.316	93	471991	47.954	ng		96
12) 1,3-Dichlorobenzene	7.781	146	574402	46.008	ng		98
13) 1,4-Dichlorobenzene	7.928	146	595425	46.600	ng		100
14) 1,2-Dichlorobenzene	8.245	146	573214	47.121	ng		98
15) Benzyl Alcohol	8.140	79	488484	51.130	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	638098	40.003	ng		97
17) 2-Methylphenol	8.345	107	451420	50.848	ng		99
18) Hexachloroethane	8.975	117	215666	45.986	ng		90
19) n-Nitroso-di-n-propyla...	8.710	70	392484	46.896	ng		96
20) 3+4-Methylphenols	8.675	107	610587	50.266	ng		99
22) Acetophenone	8.722	105	789726	44.948	ng	#	96
24) Nitrobenzene	9.098	77	583814	43.202	ng		99
25) Isophorone	9.628	82	1052332	46.852	ng		98
26) 2-Nitrophenol	9.804	139	311242	52.781	ng		98
27) 2,4-Dimethylphenol	9.875	122	512387	56.349	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	640915	49.582	ng		99
29) 2,4-Dichlorophenol	10.345	162	554333	51.706	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	591776	48.765	ng		97
31) Naphthalene	10.745	128	1633194	43.640	ng		100
32) Benzoic acid	10.057	122	385178	52.799	ng		99
33) 4-Chloroaniline	10.857	127	294396	19.556	ng		98
34) Hexachlorobutadiene	11.033	225	386537	51.589	ng		98
35) Caprolactam	11.663	113	148748m	48.038	ng		
36) 4-Chloro-3-methylphenol	11.992	107	548938	49.481	ng		100
37) 2-Methylnaphthalene	12.357	142	1173848	45.268	ng		100
38) 1-Methylnaphthalene	12.575	142	1127646	44.531	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	692683	53.996	ng		98
41) Hexachlorocyclopentadiene	12.710	237	960388	125.040	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	462389	53.245	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.045	196	491328	50.950	ng		95
46)	1,1'-Biphenyl	13.369	154	1573183	46.350	ng		99
47)	2-Chloronaphthalene	13.410	162	1217098	46.013	ng		100
48)	2-Nitroaniline	13.610	65	343575	45.153	ng		97
49)	Acenaphthylene	14.251	152	1958719	48.098	ng		99
50)	Dimethylphthalate	13.998	163	1502588	44.735	ng		98
51)	2,6-Dinitrotoluene	14.110	165	335400	49.045	ng		89
52)	Acenaphthene	14.598	154	1111541	40.286	ng		98
53)	3-Nitroaniline	14.439	138	200127	27.276	ng		97
54)	2,4-Dinitrophenol	14.651	184	409907	101.905	ng		87
55)	Dibenzofuran	14.927	168	1783495	45.278	ng		99
56)	4-Nitrophenol	14.757	139	499870	83.409	ng		96
57)	2,4-Dinitrotoluene	14.898	165	438290	47.814	ng		97
58)	Fluorene	15.580	166	1458919	44.589	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.157	232	406654	49.602	ng		90
60)	Diethylphthalate	15.357	149	1502122	43.908	ng		99
61)	4-Chlorophenyl-phenyle...	15.574	204	788616	50.364	ng		94
62)	4-Nitroaniline	15.604	138	291213	38.330	ng		97
63)	Azobenzene	15.868	77	1264852	40.537	ng		96
65)	4,6-Dinitro-2-methylph...	15.663	198	249233	50.096	ng		95
66)	n-Nitrosodiphenylamine	15.786	169	1243607	49.305	ng		99
67)	4-Bromophenyl-phenylether	16.468	248	467930	55.312	ng		93
68)	Hexachlorobenzene	16.586	284	513071	53.718	ng		93
69)	Atrazine	16.745	200	444936	52.544	ng		98
70)	Pentachlorophenol	16.933	266	629574	105.203	ng		99
71)	Phenanthrene	17.315	178	2104464	45.371	ng		99
72)	Anthracene	17.410	178	2125542	47.458	ng		100
73)	Carbazole	17.680	167	1810153	44.253	ng		98
74)	Di-n-butylphthalate	18.245	149	2289956	44.000	ng		100
75)	Fluoranthene	19.333	202	2197250	43.141	ng		98
77)	Benzidine	19.515	184	798409	44.044	ng		100
78)	Pyrene	19.692	202	2202860	56.138	ng		100
80)	Butylbenzylphthalate	20.592	149	843135	48.951	ng		94
81)	Benzo(a)anthracene	21.439	228	1837436	46.406	ng		99
82)	3,3'-Dichlorobenzidine	21.374	252	458216	39.705	ng		99
83)	Chrysene	21.492	228	1681125	44.451	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.374	149	1190362	44.944	ng	#	98
85)	Di-n-octyl phthalate	22.292	149	1786023	40.905	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.297	276	1516860	41.713	ng		96
88)	Benzo(b)fluoranthene	23.115	252	1528707m	50.817	ng		
89)	Benzo(k)fluoranthene	23.162	252	1519051	49.883	ng		98
90)	Benzo(a)pyrene	23.733	252	1418906	56.774	ng		98
91)	Dibenzo(a,h)anthracene	26.315	278	1339486	43.913	ng		97
92)	Benzo(g,h,i)perylene	27.056	276	1318194	44.975	ng		96

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

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