Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
Data File : BM038681.D
Acq On : 03 Feb 2023 15:20
Operator : CG/JU
Sample : PB150629BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 04 05:20:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 05:17:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB150629BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	75072	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	261692	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	191794	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	372217	20.000	ng	0.00
76) Chrysene-d12	21.486	240	339956	20.000	ng	0.00
86) Perylene-d12	23.885	264	409920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	348763	91.005	ng	0.00
7) Phenol-d6	7.104	99	389595	89.134	ng	0.00
23) Nitrobenzene-d5	9.104	82	376862	81.798	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	214943	82.451	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1261060	83.707	ng	0.00
79) Terphenyl-d14	19.927	244	1626085	84.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	49925	29.550	ng	95
3) Pyridine	3.751	79	120337	29.953	ng	99
4) n-Nitrosodimethylamine	3.669	42	68880	37.978	ng	94
6) Aniline	7.257	93	169614	31.109	ng	96
8) 2-Chlorophenol	7.492	128	186623	44.628	ng	98
9) Benzaldehyde	7.069	77	40663	21.107	ng	94
10) Phenol	7.134	94	198763	45.013	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	152953	42.772	ng	99
12) 1,3-Dichlorobenzene	7.810	146	235537	44.084	ng	99
13) 1,4-Dichlorobenzene	7.963	146	240209	44.548	ng	97
14) 1,2-Dichlorobenzene	8.281	146	232937	45.093	ng	99
15) Benzyl Alcohol	8.181	79	135411m	42.091	ng	
16) 2,2'-oxybis(1-Chloropr...	8.451	45	138087	40.767	ng	99
17) 2-Methylphenol	8.386	107	142292	42.011	ng	97
18) Hexachloroethane	9.004	117	78645	45.162	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	112275	42.615	ng	98
20) 3+4-Methylphenols	8.716	107	186479	41.295	ng	97
22) Acetophenone	8.763	105	249722	40.014	ng	98
24) Nitrobenzene	9.145	77	182247	38.972	ng	95
25) Isophorone	9.669	82	313610	38.857	ng	99
26) 2-Nitrophenol	9.857	139	111183	42.727	ng	98
27) 2,4-Dimethylphenol	9.916	122	155604	41.446	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	195552	39.647	ng	99
29) 2,4-Dichlorophenol	10.392	162	227109	42.578	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	236127	41.617	ng	99
31) Naphthalene	10.786	128	546011	40.659	ng	98
32) Benzoic acid	10.080	122	112761	37.103	ng	92
33) 4-Chloroaniline	10.910	127	138980	23.615	ng	97
34) Hexachlorobutadiene	11.057	225	120472	42.386	ng	96
35) Caprolactam	11.710	113	44631	38.852	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	158917	40.292	ng	97
37) 2-Methylnaphthalene	12.392	142	428926	39.525	ng	99
38) 1-Methylnaphthalene	12.616	142	404827	39.589	ng	100
40) 1,2,4,5-Tetrachloroben...	12.763	216	204880	41.046	ng	99
41) Hexachlorocyclopentadiene	12.727	237	278931	90.053	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	163201	41.618	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.086	196	173773	37.657	ng	97
46)	1,1'-Biphenyl	13.404	154	621588	40.913	ng	99
47)	2-Chloronaphthalene	13.445	162	499785	41.805	ng	99
48)	2-Nitroaniline	13.663	65	95812	36.077	ng	100
49)	Acenaphthylene	14.292	152	746667	39.653	ng	99
50)	Dimethylphthalate	14.033	163	600869	38.391	ng	99
51)	2,6-Dinitrotoluene	14.157	165	126732	39.839	ng	99
52)	Acenaphthene	14.633	154	448589	39.898	ng	99
53)	3-Nitroaniline	14.492	138	92665	28.517	ng	96
54)	2,4-Dinitrophenol	14.698	184	164678	79.532	ng	95
55)	Dibenzofuran	14.962	168	746133	38.537	ng	99
56)	4-Nitrophenol	14.810	139	203140	79.622	ng	95
57)	2,4-Dinitrotoluene	14.945	165	175345	37.717	ng	93
58)	Fluorene	15.615	166	609033	39.755	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.192	232	125651	39.123	ng	99
60)	Diethylphthalate	15.386	149	575572	38.818	ng	100
61)	4-Chlorophenyl-phenyle...	15.604	204	252627	38.871	ng	99
62)	4-Nitroaniline	15.651	138	115886m	34.452	ng	
63)	Azobenzene	15.898	77	422068	36.998	ng	98
65)	4,6-Dinitro-2-methylph...	15.704	198	93277	39.808	ng	99
66)	n-Nitrosodiphenylamine	15.827	169	504340	41.497	ng	98
67)	4-Bromophenyl-phenylether	16.498	248	149330	41.550	ng	98
68)	Hexachlorobenzene	16.609	284	193230	43.992	ng	96
69)	Atrazine	16.774	200	156510	44.431	ng	97
70)	Pentachlorophenol	16.962	266	237238	74.093	ng	99
71)	Phenanthrene	17.351	178	918135	41.542	ng	99
72)	Anthracene	17.445	178	920763	40.724	ng	100
73)	Carbazole	17.721	167	874402	41.467	ng	100
74)	Di-n-butylphthalate	18.268	149	1020088	42.819	ng	99
75)	Fluoranthene	19.362	202	943789	40.672	ng	100
77)	Benzidine	19.556	184	364368	36.474	ng	99
78)	Pyrene	19.727	202	997489	38.111	ng	100
80)	Butylbenzylphthalate	20.615	149	483367	37.538	ng	99
81)	Benzo(a)anthracene	21.474	228	937637	38.991	ng	99
82)	3,3'-Dichlorobenzidine	21.409	252	341700	41.302	ng	100
83)	Chrysene	21.527	228	884934	38.194	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.386	149	746788	39.656	ng	98
85)	Di-n-octyl phthalate	22.309	149	1339502	43.479	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.379	276	1451680	44.960	ng	100
88)	Benzo(b)fluoranthene	23.156	252	1180029	48.061	ng	99
89)	Benzo(k)fluoranthene	23.203	252	1113185	44.648	ng	100
90)	Benzo(a)pyrene	23.780	252	1013594	41.745	ng	99
91)	Dibenzo(a,h)anthracene	26.391	278	1267485	46.659	ng	99
92)	Benzo(g,h,i)perylene	27.150	276	1255504	45.722	ng	99

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

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