Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
Data File : BM042139.D
Acq On : 29 Sep 2023 10:35
Operator : MA/JU
Sample : PB155705BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 11:05:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB155705BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :Jagrut Upadhyay 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	235732	20.000	ng		-0.04
21) Naphthalene-d8	10.751	136	993032	20.000	ng		-0.04
39) Acenaphthene-d10	14.580	164	600399	20.000	ng		-0.04
64) Phenanthrene-d10	17.339	188	1206398	20.000	ng		-0.03
76) Chrysene-d12	21.515	240	900549	20.000	ng		-0.03
86) Perylene-d12	23.915	264	839890	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1501876	106.117	ng		-0.02
7) Phenol-d6	7.092	99	2031318	103.370	ng		-0.02
23) Nitrobenzene-d5	9.134	82	1869702	95.864	ng		-0.03
42) 2,4,6-Tribromophenol	16.080	330	717462	95.774	ng		-0.03
45) 2-Fluorobiphenyl	13.204	172	4013767	98.123	ng		-0.03
79) Terphenyl-d14	19.950	244	5592311	113.100	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	207711	35.981	ng		100
3) Pyridine	3.799	79	596539	33.265	ng		97
4) n-Nitrosodimethylamine	3.728	42	393698	46.186	ng		95
6) Aniline	7.275	93	957889	36.793	ng		98
8) 2-Chlorophenol	7.492	128	817848	51.904	ng		100
9) Benzaldehyde	7.098	77	261139	23.506	ng		96
10) Phenol	7.116	94	1070912	53.092	ng		98
11) bis(2-Chloroethyl)ether	7.369	93	789682	46.934	ng		99
12) 1,3-Dichlorobenzene	7.816	146	777387	46.205	ng		100
13) 1,4-Dichlorobenzene	7.969	146	802152	46.922	ng		99
14) 1,2-Dichlorobenzene	8.281	146	777770	47.331	ng		99
15) Benzyl Alcohol	8.192	79	777563	50.120	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1226059	47.646	ng		98
17) 2-Methylphenol	8.375	107	707691	48.250	ng		99
18) Hexachloroethane	8.998	117	301854	46.975	ng		95
19) n-Nitroso-di-n-propyla...	8.751	70	683350	46.780	ng		99
20) 3+4-Methylphenols	8.704	107	971920	48.276	ng		98
22) Acetophenone	8.781	105	1189018	47.897	ng	#	99
24) Nitrobenzene	9.175	77	951269	49.139	ng		99
25) Isophorone	9.681	82	1823007	47.357	ng		99
26) 2-Nitrophenol	9.869	139	437548	50.182	ng		97
27) 2,4-Dimethylphenol	9.910	122	738460	47.093	ng		100
28) bis(2-Chloroethoxy)met...	10.163	93	1123290	49.927	ng		99
29) 2,4-Dichlorophenol	10.392	162	809877	53.368	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	758103	48.658	ng		97
31) Naphthalene	10.804	128	2366217	47.331	ng		100
32) Benzoic acid	10.069	122	624394	50.537	ng		98
33) 4-Chloroaniline	10.933	127	554649	24.788	ng		99
34) Hexachlorobutadiene	11.028	225	431537	45.346	ng		100
35) Caprolactam	11.775	113	263290m	48.544	ng		
36) 4-Chloro-3-methylphenol	12.033	107	890417	52.650	ng		99
37) 2-Methylnaphthalene	12.404	142	1661628	45.205	ng		100
38) 1-Methylnaphthalene	12.627	142	1619428	46.910	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	861384	49.470	ng		100
41) Hexachlorocyclopentadiene	12.704	237	1072445	109.538	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	629300	53.107	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.080	196	683806	49.308	ng	98
46)	1,1'-Biphenyl	13.416	154	2195082	49.552	ng	99
47)	2-Chloronaphthalene	13.469	162	1658250	51.402	ng	99
48)	2-Nitroaniline	13.698	65	598257	51.898	ng	96
49)	Acenaphthylene	14.316	152	2760642	51.564	ng	100
50)	Dimethylphthalate	14.045	163	2158907	48.638	ng	100
51)	2,6-Dinitrotoluene	14.192	165	468171	49.772	ng	99
52)	Acenaphthene	14.651	154	1575943	48.941	ng	99
53)	3-Nitroaniline	14.527	138	375641	35.679	ng	95
54)	2,4-Dinitrophenol	14.733	184	606056	103.163	ng	97
55)	Dibenzofuran	14.986	168	2519362	48.468	ng	99
56)	4-Nitrophenol	14.821	139	825583	98.872	ng	96
57)	2,4-Dinitrotoluene	14.974	165	620048	49.823	ng	94
58)	Fluorene	15.633	166	2001450	48.840	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.198	232	568002	49.900	ng	99
60)	Diethylphthalate	15.398	149	2116501	47.935	ng	99
61)	4-Chlorophenyl-phenyle...	15.621	204	1049801	48.831	ng	99
62)	4-Nitroaniline	15.698	138	445336	43.987	ng	95
63)	Azobenzene	15.915	77	2242624	50.101	ng	97
65)	4,6-Dinitro-2-methylph...	15.721	198	346458	50.011	ng	95
66)	n-Nitrosodiphenylamine	15.851	169	1747034	51.274	ng	99
67)	4-Bromophenyl-phenylether	16.521	248	633833	50.984	ng	99
68)	Hexachlorobenzene	16.604	284	704976	53.559	ng	97
69)	Atrazine	16.792	200	622215	58.561	ng	98
70)	Pentachlorophenol	16.968	266	955803	96.108	ng	98
71)	Phenanthrene	17.380	178	3049474	50.684	ng	100
72)	Anthracene	17.474	178	3082724	50.226	ng	100
73)	Carbazole	17.756	167	2780359	49.404	ng	99
74)	Di-n-butylphthalate	18.274	149	3645762	50.460	ng	100
75)	Fluoranthene	19.392	202	3419105	48.405	ng	99
77)	Benzidine	19.598	184	1296117	70.510	ng	100
78)	Pyrene	19.756	202	3477036	55.489	ng	99
80)	Butylbenzylphthalate	20.633	149	1517277	54.442	ng	98
81)	Benzo(a)anthracene	21.497	228	2982707	50.783	ng	100
82)	3,3'-Dichlorobenzidine	21.439	252	898089	43.418	ng	100
83)	Chrysene	21.550	228	2695167	48.956	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.374	149	2173180	52.562	ng	99
85)	Di-n-octyl phthalate	22.297	149	3507684	50.401	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.409	276	2626361	52.373	ng	99
88)	Benzo(b)fluoranthene	23.174	252	2626273	53.559	ng	100
89)	Benzo(k)fluoranthene	23.227	252	2354014	48.581	ng	100
90)	Benzo(a)pyrene	23.809	252	2159772	46.939	ng	99
91)	Dibenzo(a,h)anthracene	26.421	278	2196359	52.536	ng	99
92)	Benzo(g,h,i)perylene	27.185	276	2090877	52.344	ng	98

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

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