Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042475.D
Acq On : 27 Oct 2023 13:24
Operator : MA/JU
Sample : PB156565BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 13:53:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	142274	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	636982	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	414434	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	932235	20.000	ng		0.00
76) Chrysene-d12	21.574	240	890657	20.000	ng	#	0.00
86) Perylene-d12	24.033	264	921884	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1404459	139.516	ng		0.00
7) Phenol-d6	7.151	99	1929284	143.010	ng		0.00
23) Nitrobenzene-d5	9.192	82	1228680	85.296	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	858229	183.425	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	2709803	88.049	ng		0.00
79) Terphenyl-d14	20.004	244	4955216	98.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	137051	28.912	ng		96
3) Pyridine	3.805	79	370870	26.667	ng		96
4) n-Nitrosodimethylamine	3.734	42	246211	35.064	ng		94
6) Aniline	7.334	93	523919	30.503	ng		98
8) 2-Chlorophenol	7.546	128	522397	52.298	ng		96
9) Benzaldehyde	7.151	77	75232	9.575	ng		99
10) Phenol	7.181	94	687568	49.324	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	492817	43.061	ng		97
12) 1,3-Dichlorobenzene	7.869	146	493271	47.743	ng		97
13) 1,4-Dichlorobenzene	8.028	146	514042	49.426	ng		97
14) 1,2-Dichlorobenzene	8.340	146	496030	49.670	ng		98
15) Benzyl Alcohol	8.251	79	512944	51.292	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	787053	43.462	ng		98
17) 2-Methylphenol	8.434	107	460603	50.073	ng		97
18) Hexachloroethane	9.057	117	196910	49.181	ng	#	89
19) n-Nitroso-di-n-propyla...	8.810	70	438149	47.919	ng		97
20) 3+4-Methylphenols	8.769	107	638485	51.749	ng		99
22) Acetophenone	8.845	105	790627	45.496	ng	#	96
24) Nitrobenzene	9.240	77	633593	43.965	ng		96
25) Isophorone	9.745	82	1196723	48.885	ng		97
26) 2-Nitrophenol	9.939	139	292687	52.499	ng		92
27) 2,4-Dimethylphenol	9.975	122	477798	48.118	ng		98
28) bis(2-Chloroethoxy)met...	10.228	93	715603	46.139	ng		99
29) 2,4-Dichlorophenol	10.457	162	529359	61.302	ng		96
30) 1,2,4-Trichlorobenzene	10.663	180	502585	54.290	ng		97
31) Naphthalene	10.869	128	1581841	48.348	ng		100
32) Benzoic acid	10.139	122	447653	60.125	ng		99
33) 4-Chloroaniline	10.998	127	315718	22.226	ng		99
34) Hexachlorobutadiene	11.092	225	297759	59.440	ng		99
35) Caprolactam	11.839	113	203421m	57.943	ng		
36) 4-Chloro-3-methylphenol	12.104	107	614017	58.923	ng		97
37) 2-Methylnaphthalene	12.469	142	1106939	50.259	ng		98
38) 1-Methylnaphthalene	12.686	142	1082683	52.473	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	599577	50.043	ng		98
41) Hexachlorocyclopentadiene	12.763	237	481367	74.437	ng		97
43) 2,4,6-Trichlorophenol	13.069	196	444533	57.315	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	487401	53.161	ng	#	94
46) 1,1'-Biphenyl	13.475	154	1508407	45.880	ng		98
47) 2-Chloronaphthalene	13.522	162	1131499	46.910	ng		99
48) 2-Nitroaniline	13.763	65	450627	42.719	ng		88
49) Acenaphthylene	14.369	152	1957498	50.269	ng		100
50) Dimethylphthalate	14.104	163	1545790	50.850	ng		99
51) 2,6-Dinitrotoluene	14.251	165	344304	50.032	ng	#	81
52) Acenaphthene	14.704	154	1108433	47.082	ng		99
53) 3-Nitroaniline	14.586	138	283185	35.693	ng		98
54) 2,4-Dinitrophenol	14.792	184	499830	113.725	ng		89
55) Dibenzofuran	15.039	168	1814477	48.729	ng		97
56) 4-Nitrophenol	14.880	139	690039	111.454	ng		92
57) 2,4-Dinitrotoluene	15.033	165	480951	52.019	ng		83
58) Fluorene	15.686	166	1482943	50.469	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	438552	63.672	ng		88
60) Diethylphthalate	15.451	149	1550074	51.672	ng		98
61) 4-Chlorophenyl-phenyle...	15.674	204	756104	54.640	ng		92
62) 4-Nitroaniline	15.757	138	384578	49.145	ng		94
63) Azobenzene	15.969	77	1634847	45.424	ng		95
65) 4,6-Dinitro-2-methylph...	15.780	198	297114	49.656	ng		80
66) n-Nitrosodiphenylamine	15.904	169	1324134	47.158	ng		98
67) 4-Bromophenyl-phenylether	16.574	248	471636	54.587	ng		92
68) Hexachlorobenzene	16.657	284	551570	59.723	ng	#	91
69) Atrazine	16.851	200	494252	69.412	ng		99
70) Pentachlorophenol	17.021	266	820694	104.467	ng		99
71) Phenanthrene	17.433	178	2464750	48.601	ng		100
72) Anthracene	17.527	178	2470229	49.182	ng		99
73) Carbazole	17.810	167	2383308	50.581	ng		99
74) Di-n-butylphthalate	18.327	149	2892366	48.448	ng		99
75) Fluoranthene	19.445	202	3080556	55.154	ng		97
77) Benzidine	19.651	184	1176941	91.358	ng		99
78) Pyrene	19.809	202	3188838	51.236	ng		100
80) Butylbenzylphthalate	20.686	149	1401153	49.551	ng	#	90
81) Benzo(a)anthracene	21.556	228	3071375	51.440	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	1064948	59.748	ng	#	98
83) Chrysene	21.609	228	2763748	48.193	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	2002668	49.797	ng	#	95
85) Di-n-octyl phthalate	22.374	149	3422515	49.379	ng		95
87) Indeno(1,2,3-cd)pyrene	26.627	276	2930678	43.501	ng	#	92
88) Benzo(b)fluoranthene	23.274	252	2924414	52.701	ng	#	97
89) Benzo(k)fluoranthene	23.327	252	2728301	47.357	ng	#	96
90) Benzo(a)pyrene	23.927	252	2502111	46.847	ng	#	96
91) Dibenzo(a,h)anthracene	26.644	278	2461487	43.944	ng	#	95
92) Benzo(g,h,i)perylene	27.438	276	2274957	41.820	ng	#	92

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

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