Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
Data File : BM041398.D
Acq On : 14 Aug 2023 12:23
Operator : MA/JU
Sample : PB154769BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 15 02:37:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154769BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	147583	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	657016	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	436359	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	971068	20.000	ng	#	0.00
76) Chrysene-d12	21.409	240	1010079	20.000	ng		0.00
86) Perylene-d12	23.774	264	1194504	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1366136	138.350	ng		0.00
7) Phenol-d6	6.963	99	1637077	127.899	ng		0.00
23) Nitrobenzene-d5	8.951	82	1058172	74.899	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	831197	134.671	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2569677	74.391	ng		0.00
79) Terphenyl-d14	19.845	244	4599617	82.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	121777	28.828	ng		95
3) Pyridine	3.646	79	336460	30.293	ng		97
4) n-Nitrosodimethylamine	3.569	42	212261	41.321	ng		99
6) Aniline	7.110	93	433340	28.929	ng		99
8) 2-Chlorophenol	7.340	128	469113	48.664	ng		99
9) Benzaldehyde	6.922	77	191177m	28.306	ng		
10) Phenol	6.987	94	604846	48.926	ng		95
11) bis(2-Chloroethyl)ether	7.210	93	431893	43.159	ng		96
12) 1,3-Dichlorobenzene	7.657	146	461753	44.005	ng		99
13) 1,4-Dichlorobenzene	7.804	146	481213	45.626	ng		99
14) 1,2-Dichlorobenzene	8.122	146	466725	46.152	ng		99
15) Benzyl Alcohol	8.034	79	434874m	53.800	ng		
16) 2,2'-oxybis(1-Chloropr...	8.310	45	506147	37.962	ng		94
17) 2-Methylphenol	8.234	107	402663	47.675	ng		97
18) Hexachloroethane	8.839	117	179256	45.652	ng	#	86
19) n-Nitroso-di-n-propyla...	8.592	70	377863	48.603	ng		95
20) 3+4-Methylphenols	8.569	107	547414	48.475	ng		96
22) Acetophenone	8.610	105	698355	40.134	ng	#	99
24) Nitrobenzene	8.992	77	558336	39.079	ng		98
25) Isophorone	9.516	82	1028840	42.900	ng		99
26) 2-Nitrophenol	9.704	139	262962	47.082	ng		95
27) 2,4-Dimethylphenol	9.769	122	421570	42.894	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	613482	40.837	ng		99
29) 2,4-Dichlorophenol	10.233	162	489791	49.418	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	512332	46.787	ng		98
31) Naphthalene	10.628	128	1432189	40.170	ng		99
32) Benzoic acid	9.963	122	329954	45.192	ng		92
33) 4-Chloroaniline	10.763	127	209682	14.716	ng		98
34) Hexachlorobutadiene	10.892	225	325780	49.466	ng		98
35) Caprolactam	11.592	113	144798	50.503	ng	#	87
36) 4-Chloro-3-methylphenol	11.898	107	509068	48.799	ng		98
37) 2-Methylnaphthalene	12.245	142	1017721	42.340	ng		98
38) 1-Methylnaphthalene	12.469	142	980867	43.600	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	596765	42.117	ng	#	98
41) Hexachlorocyclopentadiene	12.580	237	663497	88.512	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	423254	46.606	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	462575	44.008	ng		96
46) 1,1'-Biphenyl	13.269	154	1388232	39.243	ng		98
47) 2-Chloronaphthalene	13.310	162	1095979	41.493	ng		99
48) 2-Nitroaniline	13.539	65	344333	40.840	ng		100
49) Acenaphthylene	14.163	152	1781512	41.787	ng		100
50) Dimethylphthalate	13.916	163	1409673	42.947	ng		98
51) 2,6-Dinitrotoluene	14.045	165	311006	45.729	ng		97
52) Acenaphthene	14.504	154	1018640	39.661	ng		99
53) 3-Nitroaniline	14.374	138	217050	28.676	ng		98
54) 2,4-Dinitrophenol	14.592	184	422687	91.156	ng		93
55) Dibenzofuran	14.845	168	1722730	41.111	ng		100
56) 4-Nitrophenol	14.698	139	476754	84.111	ng		94
57) 2,4-Dinitrotoluene	14.839	165	441112	45.561	ng		94
58) Fluorene	15.498	166	1391446	42.091	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	421897	49.567	ng		94
60) Diethylphthalate	15.280	149	1423916	44.859	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	749578	45.249	ng		96
62) 4-Nitroaniline	15.551	138	277944	39.154	ng		93
63) Azobenzene	15.786	77	1422681	40.917	ng		98
65) 4,6-Dinitro-2-methylph...	15.604	198	271725	46.191	ng		90
66) n-Nitrosodiphenylamine	15.716	169	1197684	39.657	ng		99
67) 4-Bromophenyl-phenylether	16.386	248	455918	42.821	ng		98
68) Hexachlorobenzene	16.498	284	542818	45.850	ng		97
69) Atrazine	16.680	200	461603	58.201	ng		99
70) Pentachlorophenol	16.857	266	652980	79.651	ng		99
71) Phenanthrene	17.245	178	2191088	40.611	ng		100
72) Anthracene	17.333	178	2232091	41.830	ng		100
73) Carbazole	17.621	167	2017753	41.778	ng		100
74) Di-n-butylphthalate	18.174	149	2543249	46.600	ng		100
75) Fluoranthene	19.268	202	2711270	44.729	ng		98
77) Benzidine	19.474	184	1119404	81.309	ng		99
78) Pyrene	19.633	202	2838477	40.184	ng		100
80) Butylbenzylphthalate	20.539	149	1197358	46.418	ng		99
81) Benzo(a)anthracene	21.397	228	3008723	43.939	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	873740	39.104	ng		99
83) Chrysene	21.450	228	2789376	42.115	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1828172	44.807	ng	#	96
85) Di-n-octyl phthalate	22.233	149	3267329	50.118	ng		95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3450912	39.295	ng	#	94
88) Benzo(b)fluoranthene	23.056	252	3191620	44.977	ng	#	98
89) Benzo(k)fluoranthene	23.103	252	3071135	42.310	ng		98
90) Benzo(a)pyrene	23.674	252	2794138	40.980	ng	#	97
91) Dibenzo(a,h)anthracene	26.232	278	2911318	39.745	ng	#	96
92) Benzo(g,h,i)perylene	26.968	276	2661238	37.129	ng	#	95

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

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