Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041186.D
Acq On : 31 Jul 2023 13:06
Operator : MA/JU
Sample : PB154262BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 16:33:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	140691	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	536661	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	281972	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	545269	20.000	ng		0.00
76) Chrysene-d12	21.421	240	549852	20.000	ng		0.00
86) Perylene-d12	23.791	264	640278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	765740	81.346	ng		0.00
7) Phenol-d6	6.975	99	935696	76.684	ng		0.00
23) Nitrobenzene-d5	8.975	82	896961	77.726	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	319937	80.218	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	1815699	81.344	ng		0.00
79) Terphenyl-d14	19.862	244	2601280	85.537	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	116163	28.846	ng		99
3) Pyridine	3.669	79	320690	30.287	ng		98
4) n-Nitrosodimethylamine	3.587	42	179096	36.572	ng		89
6) Aniline	7.134	93	511379	35.811	ng		98
8) 2-Chlorophenol	7.363	128	395683	43.057	ng		100
9) Benzaldehyde	6.945	77	230050m	35.730	ng		
10) Phenol	7.004	94	500066	42.432	ng		100
11) bis(2-Chloroethyl)ether	7.234	93	393197	41.217	ng		98
12) 1,3-Dichlorobenzene	7.687	146	432444	43.230	ng		97
13) 1,4-Dichlorobenzene	7.834	146	435449	43.309	ng		99
14) 1,2-Dichlorobenzene	8.151	146	418566	43.418	ng		99
15) Benzyl Alcohol	8.057	79	345146	44.791	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	513189	40.375	ng		98
17) 2-Methylphenol	8.257	107	326724	40.579	ng		99
18) Hexachloroethane	8.869	117	163420	43.658	ng		97
19) n-Nitroso-di-n-propyla...	8.622	70	303313	40.925	ng		97
20) 3+4-Methylphenols	8.586	107	433112	40.232	ng		98
22) Acetophenone	8.639	105	576233	40.542	ng	#	98
24) Nitrobenzene	9.016	77	453496	38.860	ng		100
25) Isophorone	9.545	82	779981	39.817	ng		99
26) 2-Nitrophenol	9.728	139	199223	43.669	ng		96
27) 2,4-Dimethylphenol	9.792	122	344967	42.971	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	490223	39.951	ng		99
29) 2,4-Dichlorophenol	10.263	162	346946	42.856	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	383687	42.897	ng		99
31) Naphthalene	10.657	128	1161893	39.897	ng		99
32) Benzoic acid	9.945	122	219174	38.088	ng		99
33) 4-Chloroaniline	10.786	127	266155	22.869	ng		99
34) Hexachlorobutadiene	10.928	225	230702	42.886	ng		98
35) Caprolactam	11.592	113	95875	40.939	ng		91
36) 4-Chloro-3-methylphenol	11.916	107	350777	41.167	ng		98
37) 2-Methylnaphthalene	12.274	142	764395	38.933	ng		99
38) 1-Methylnaphthalene	12.498	142	714153	38.863	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	394195	43.053	ng		99
41) Hexachlorocyclopentadiene	12.616	237	544533	112.416	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	258986	44.132	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	277604	40.871	ng	99
46) 1,1'-Biphenyl	13.292	154	947405	41.445	ng	99
47) 2-Chloronaphthalene	13.339	162	734305	43.022	ng	99
48) 2-Nitroaniline	13.563	65	223831	41.084	ng	97
49) Acenaphthylene	14.186	152	1141957	41.451	ng	100
50) Dimethylphthalate	13.933	163	870205	41.027	ng	99
51) 2,6-Dinitrotoluene	14.063	165	187510	42.666	ng	98
52) Acenaphthene	14.527	154	682818	41.142	ng	100
53) 3-Nitroaniline	14.392	138	151160	30.705	ng	98
54) 2,4-Dinitrophenol	14.604	184	218426	74.065	ng	94
55) Dibenzofuran	14.868	168	1087284	40.154	ng	99
56) 4-Nitrophenol	14.710	139	355915	97.172	ng	96
57) 2,4-Dinitrotoluene	14.851	165	249981	40.285	ng	94
58) Fluorene	15.521	166	867367	40.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	241278	43.867	ng	99
60) Diethylphthalate	15.298	149	852202	41.547	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	439822	41.088	ng	98
62) 4-Nitroaniline	15.563	138	175082	38.272	ng	99
63) Azobenzene	15.810	77	889982	39.611	ng	97
65) 4,6-Dinitro-2-methylph...	15.615	198	135477	41.014	ng	98
66) n-Nitrosodiphenylamine	15.733	169	718642	42.377	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	255730	42.775	ng	98
68) Hexachlorobenzene	16.521	284	302136	45.449	ng	98
69) Atrazine	16.698	200	248446	55.787	ng	100
70) Pentachlorophenol	16.874	266	417782	90.757	ng	98
71) Phenanthrene	17.268	178	1285321	42.426	ng	100
72) Anthracene	17.357	178	1288809	43.014	ng	100
73) Carbazole	17.639	167	1193248	44.000	ng	100
74) Di-n-butylphthalate	18.198	149	1342390	43.804	ng	100
75) Fluoranthene	19.292	202	1468416	43.143	ng	100
77) Benzidine	19.492	184	867655	115.773	ng	99
78) Pyrene	19.656	202	1569387	40.814	ng	100
80) Butylbenzylphthalate	20.562	149	603001	42.943	ng	97
81) Benzo(a)anthracene	21.409	228	1643375	44.087	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	522571	42.963	ng	99
83) Chrysene	21.462	228	1514246	41.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	876708	39.775	ng	98
85) Di-n-octyl phthalate	22.250	149	1569469	44.225	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2108771	44.797	ng	99
88) Benzo(b)fluoranthene	23.074	252	1767521	46.469	ng	98
89) Benzo(k)fluoranthene	23.121	252	1666350	42.828	ng	99
90) Benzo(a)pyrene	23.686	252	1515900	41.477	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1781651	45.376	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1688225	43.942	ng	98

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

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