Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
Data File : BM041396.D
Acq On : 14 Aug 2023 11:10
Operator : MA/JU
Sample : PB154767BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 19:17:16 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 :
PB154767BS

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	152452	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	668303	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	439874	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	983662	20.000	ng		0.00
76) Chrysene-d12	21.409	240	1015517	20.000	ng		0.00
86) Perylene-d12	23.768	264	1210880	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1308642	128.295	ng		0.00
7) Phenol-d6	6.963	99	1694793	128.180	ng		0.00
23) Nitrobenzene-d5	8.951	82	1092856	76.048	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	835041	134.212	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2565958	73.690	ng		0.00
79) Terphenyl-d14	19.839	244	4664639	83.050	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	118790	27.223	ng		95
3) Pyridine	3.646	79	328003	28.588	ng		97
4) n-Nitrosodimethylamine	3.569	42	203632	38.375	ng		100
6) Aniline	7.110	93	459418	29.690	ng		99
8) 2-Chlorophenol	7.340	128	487135	48.919	ng		98
9) Benzaldehyde	6.922	77	201349m	28.860	ng		
10) Phenol	6.987	94	626156	49.032	ng		95
11) bis(2-Chloroethyl)ether	7.210	93	448039	43.343	ng		97
12) 1,3-Dichlorobenzene	7.657	146	475104	43.831	ng		99
13) 1,4-Dichlorobenzene	7.804	146	489264	44.907	ng		99
14) 1,2-Dichlorobenzene	8.122	146	480157	45.964	ng		98
15) Benzyl Alcohol	8.034	79	450307m	53.930	ng		
16) 2,2'-oxybis(1-Chloropr...	8.310	45	545172	39.583	ng		94
17) 2-Methylphenol	8.234	107	418286	47.943	ng		97
18) Hexachloroethane	8.839	117	188625	46.504	ng		89
19) n-Nitroso-di-n-propyla...	8.592	70	392843	48.916	ng		98
20) 3+4-Methylphenols	8.569	107	566798	48.588	ng		96
22) Acetophenone	8.610	105	726318	41.036	ng	#	99
24) Nitrobenzene	8.992	77	581046	39.982	ng		98
25) Isophorone	9.516	82	1059797	43.444	ng		100
26) 2-Nitrophenol	9.704	139	267777	47.134	ng		94
27) 2,4-Dimethylphenol	9.769	122	428539	42.867	ng		98
28) bis(2-Chloroethoxy)met...	10.004	93	634067	41.495	ng		99
29) 2,4-Dichlorophenol	10.233	162	494565	49.057	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	502442	45.109	ng		99
31) Naphthalene	10.628	128	1444756	39.838	ng		100
32) Benzoic acid	9.963	122	336394	45.280	ng		93
33) 4-Chloroaniline	10.763	127	210674	14.536	ng		99
34) Hexachlorobutadiene	10.892	225	323798	48.335	ng		99
35) Caprolactam	11.592	113	149139m	51.138	ng		
36) 4-Chloro-3-methylphenol	11.898	107	521915	49.186	ng		100
37) 2-Methylnaphthalene	12.245	142	1024304	41.894	ng		99
38) 1-Methylnaphthalene	12.469	142	987525	43.154	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	592752	41.500	ng		98
41) Hexachlorocyclopentadiene	12.580	237	657654	87.032	ng		100
43) 2,4,6-Trichlorophenol	12.869	196	420919	45.978	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	458268	43.250	ng		100
46) 1,1'-Biphenyl	13.269	154	1398511	39.218	ng		99
47) 2-Chloronaphthalene	13.310	162	1100847	41.344	ng		100
48) 2-Nitroaniline	13.539	65	356540	41.950	ng		99
49) Acenaphthylene	14.163	152	1808848	42.089	ng		100
50) Dimethylphthalate	13.916	163	1436141	43.404	ng		99
51) 2,6-Dinitrotoluene	14.045	165	315551	46.026	ng		97
52) Acenaphthene	14.504	154	1035255	39.986	ng		99
53) 3-Nitroaniline	14.374	138	221470	28.994	ng		98
54) 2,4-Dinitrophenol	14.592	184	422693	90.475	ng		93
55) Dibenzofuran	14.845	168	1732136	41.005	ng		99
56) 4-Nitrophenol	14.698	139	486562	85.155	ng		95
57) 2,4-Dinitrotoluene	14.839	165	443878	45.485	ng		94
58) Fluorene	15.492	166	1417967	42.551	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	423909	49.405	ng		97
60) Diethylphthalate	15.274	149	1447921	45.251	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	748497	44.823	ng		98
62) 4-Nitroaniline	15.551	138	281653	39.338	ng		93
63) Azobenzene	15.786	77	1477255	42.147	ng		98
65) 4,6-Dinitro-2-methylph...	15.604	198	273117	45.833	ng		90
66) n-Nitrosodiphenylamine	15.715	169	1222655	39.966	ng		98
67) 4-Bromophenyl-phenylether	16.386	248	464152	43.037	ng		98
68) Hexachlorobenzene	16.498	284	545018	45.446	ng		97
69) Atrazine	16.680	200	464892	57.865	ng		99
70) Pentachlorophenol	16.857	266	655750	78.965	ng		99
71) Phenanthrene	17.245	178	2236015	40.913	ng		100
72) Anthracene	17.333	178	2284657	42.267	ng		100
73) Carbazole	17.621	167	2067795	42.266	ng		99
74) Di-n-butylphthalate	18.174	149	2620288	47.397	ng		100
75) Fluoranthene	19.268	202	2730811	44.475	ng		99
77) Benzidine	19.474	184	1099317	79.422	ng		100
78) Pyrene	19.633	202	2879152	40.542	ng		99
80) Butylbenzylphthalate	20.539	149	1237832	47.730	ng		100
81) Benzo(a)anthracene	21.392	228	3036161	44.102	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	853426	37.990	ng		99
83) Chrysene	21.445	228	2782775	41.791	ng		100
84) Bis(2-ethylhexyl)phtha...	21.315	149	1868773	45.514	ng	#	96
85) Di-n-octyl phthalate	22.227	149	3360563	51.272	ng		96
87) Indeno(1,2,3-cd)pyrene	26.215	276	3552081	39.900	ng	#	95
88) Benzo(b)fluoranthene	23.056	252	3317481	46.119	ng	#	98
89) Benzo(k)fluoranthene	23.103	252	3018417	41.021	ng		98
90) Benzo(a)pyrene	23.668	252	2837468	41.052	ng	#	97
91) Dibenzo(a,h)anthracene	26.227	278	2988861	40.251	ng	#	96
92) Benzo(g,h,i)perylene	26.968	276	2726587	37.527	ng		96

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

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