Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
Data File : BM041431.D
Acq On : 17 Aug 2023 11:07
Operator : MA/JU
Sample : PB154837BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 12:48:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154837BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	158797	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	629345	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	385695	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	817150	20.000	ng		0.00
76) Chrysene-d12	21.392	240	615565	20.000	ng		0.00
86) Perylene-d12	23.750	264	530961	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	956074	100.159	ng		0.00
7) Phenol-d6	6.951	99	1196444	92.306	ng		0.00
23) Nitrobenzene-d5	8.945	82	1175361	89.151	ng		0.00
42) 2,4,6-Tribromophenol	15.927	330	517252	84.508	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2603788	90.464	ng		0.00
79) Terphenyl-d14	19.827	244	3832913	108.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	149959	36.977	ng		98
3) Pyridine	3.646	79	377530	35.235	ng		97
4) n-Nitrosodimethylamine	3.569	42	220357	44.604	ng		99
6) Aniline	7.104	93	562267	36.479	ng		99
8) 2-Chlorophenol	7.328	128	501899	50.891	ng		99
9) Benzaldehyde	6.916	77	226138	31.599	ng		99
10) Phenol	6.975	94	636224	50.804	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	475669	47.480	ng		99
12) 1,3-Dichlorobenzene	7.645	146	546217	49.832	ng		98
13) 1,4-Dichlorobenzene	7.798	146	556553	50.220	ng		99
14) 1,2-Dichlorobenzene	8.110	146	533622	49.886	ng		99
15) Benzyl Alcohol	8.022	79	454641m	49.407	ng		
16) 2,2'-oxybis(1-Chloropr...	8.287	45	564320m	46.948	ng		
17) 2-Methylphenol	8.222	107	419418	46.851	ng		99
18) Hexachloroethane	8.828	117	208656	49.581	ng		97
19) n-Nitroso-di-n-propyla...	8.586	70	392698	44.162	ng		100
20) 3+4-Methylphenols	8.557	107	562575	45.755	ng		99
22) Acetophenone	8.604	105	748368	46.144	ng	#	99
24) Nitrobenzene	8.986	77	602138	45.739	ng		100
25) Isophorone	9.510	82	1045173	43.312	ng		99
26) 2-Nitrophenol	9.692	139	274208	47.706	ng		97
27) 2,4-Dimethylphenol	9.757	122	416487	45.000	ng		99
28) bis(2-Chloroethoxy)met...	9.992	93	619363	44.095	ng		99
29) 2,4-Dichlorophenol	10.222	162	489983	48.325	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	536042	47.614	ng		99
31) Naphthalene	10.616	128	1481950	45.290	ng		100
32) Benzoic acid	9.957	122	329371	44.309	ng		98
33) 4-Chloroaniline	10.751	127	226504	16.396	ng		98
34) Hexachlorobutadiene	10.880	225	348475	46.805	ng		98
35) Caprolactam	11.575	113	134758m	42.872	ng		
36) 4-Chloro-3-methylphenol	11.886	107	484658	44.914	ng		98
37) 2-Methylnaphthalene	12.233	142	1010063	42.423	ng		99
38) 1-Methylnaphthalene	12.457	142	968647	43.062	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	601210	47.777	ng		99
41) Hexachlorocyclopentadiene	12.569	237	725773	103.920	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	405936	48.202	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	434320	44.549	ng	98
46) 1,1'-Biphenyl	13.257	154	1349214	46.352	ng	99
47) 2-Chloronaphthalene	13.298	162	1066069	47.652	ng	99
48) 2-Nitroaniline	13.527	65	322998	44.186	ng	95
49) Acenaphthylene	14.151	152	1703221	46.982	ng	99
50) Dimethylphthalate	13.904	163	1315266	43.671	ng	100
51) 2,6-Dinitrotoluene	14.027	165	291534	45.168	ng	98
52) Acenaphthene	14.492	154	974510	44.944	ng	100
53) 3-Nitroaniline	14.363	138	192922	29.971	ng	99
54) 2,4-Dinitrophenol	14.580	184	393270	97.412	ng	97
55) Dibenzofuran	14.827	168	1623004	44.638	ng	100
56) 4-Nitrophenol	14.686	139	460762	95.059	ng	97
57) 2,4-Dinitrotoluene	14.827	165	403362	45.728	ng	94
58) Fluorene	15.480	166	1303376	44.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	387469	46.764	ng	98
60) Diethylphthalate	15.263	149	1292498	42.953	ng	100
61) 4-Chlorophenyl-phenyle...	15.474	204	690895	43.979	ng	99
62) 4-Nitroaniline	15.539	138	247181	42.093	ng	99
63) Azobenzene	15.768	77	1323191	43.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	244415	46.725	ng	96
66) n-Nitrosodiphenylamine	15.698	169	1101900	45.809	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	428613	45.772	ng	98
68) Hexachlorobenzene	16.480	284	498951	48.825	ng	99
69) Atrazine	16.662	200	410264	60.103	ng	99
70) Pentachlorophenol	16.839	266	576094	80.506	ng	99
71) Phenanthrene	17.227	178	1978863	45.876	ng	99
72) Anthracene	17.321	178	1985735	45.399	ng	99
73) Carbazole	17.604	167	1761886	45.271	ng	100
74) Di-n-butylphthalate	18.162	149	2167336	44.329	ng	100
75) Fluoranthene	19.256	202	2239669	43.612	ng	99
77) Benzidine	19.456	184	654356	92.738	ng	99
78) Pyrene	19.621	202	2304338	52.343	ng	100
80) Butylbenzylphthalate	20.527	149	851192	48.274	ng	96
81) Benzo(a)anthracene	21.374	228	1983037	47.175	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	540977	39.790	ng	98
83) Chrysene	21.433	228	1817070	45.475	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	1159838	46.300	ng	99
85) Di-n-octyl phthalate	22.215	149	1743395	42.563	ng	98
87) Indeno(1,2,3-cd)pyrene	26.191	276	1628274	47.101	ng	99
88) Benzo(b)fluoranthene	23.033	252	1604424	50.699	ng	99
89) Benzo(k)fluoranthene	23.080	252	1575849	49.274	ng	99
90) Benzo(a)pyrene	23.644	252	1340213	44.475	ng	99
91) Dibenzo(a,h)anthracene	26.203	278	1371028	47.156	ng	99
92) Benzo(g,h,i)perylene	26.938	276	1312936	46.713	ng	98

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

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