Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036189.D
Acq On : 10 Aug 2022 13:08
Operator : CG/JU
Sample : PB146851BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 22:22:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146851BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	280527	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1156949	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	610984	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1082783	20.000	ng		0.00
76) Chrysene-d12	21.397	240	860082	20.000	ng		0.00
86) Perylene-d12	23.744	264	814056	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2314435	133.759	ng		0.00
7) Phenol-d6	7.040	99	2879096	130.768	ng		0.00
23) Nitrobenzene-d5	9.010	82	1725726	83.496	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	865451	120.744	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	3560914	86.051	ng		0.00
79) Terphenyl-d14	19.845	244	4152257	95.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	205271	29.441	ng		95
3) Pyridine	3.687	79	605531	32.387	ng		87
4) n-Nitrosodimethylamine	3.593	42	316609	41.208	ng	#	67
6) Aniline	7.169	93	1096885	44.989	ng		95
8) 2-Chlorophenol	7.410	128	822596	44.589	ng		95
9) Benzaldehyde	6.981	77	393247	33.738	ng		95
10) Phenol	7.069	94	1034278	46.655	ng		91
11) bis(2-Chloroethyl)ether	7.269	93	746699	40.888	ng		93
12) 1,3-Dichlorobenzene	7.722	146	822982	40.256	ng		98
13) 1,4-Dichlorobenzene	7.869	146	848360	40.692	ng		99
14) 1,2-Dichlorobenzene	8.187	146	821505	40.838	ng		99
15) Benzyl Alcohol	8.092	79	672576m	45.523	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	968750	39.894	ng		96
17) 2-Methylphenol	8.310	107	661102	45.050	ng		95
18) Hexachloroethane	8.910	117	303580	40.450	ng		95
19) n-Nitroso-di-n-propyla...	8.651	70	547765	40.959	ng		88
20) 3+4-Methylphenols	8.639	107	885744	44.426	ng		96
22) Acetophenone	8.669	105	1155557	42.193	ng	#	92
24) Nitrobenzene	9.051	77	850602	43.777	ng		96
25) Isophorone	9.581	82	1489994	44.315	ng		97
26) 2-Nitrophenol	9.757	139	423757	46.239	ng		92
27) 2,4-Dimethylphenol	9.839	122	714599	50.336	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	924733	38.604	ng		99
29) 2,4-Dichlorophenol	10.304	162	706607	44.260	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	710249	39.257	ng		97
31) Naphthalene	10.692	128	2397846	41.687	ng		99
32) Benzoic acid	10.010	122	496091	44.083	ng		93
33) 4-Chloroaniline	10.816	127	796562	34.362	ng		96
34) Hexachlorobutadiene	10.963	225	409141	38.485	ng		97
35) Caprolactam	11.622	113	209933	42.691	ng		92
36) 4-Chloro-3-methylphenol	11.963	107	710917	42.365	ng		100
37) 2-Methylnaphthalene	12.304	142	1574959	41.146	ng		97
38) 1-Methylnaphthalene	12.522	142	1503175	40.101	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	736681	44.474	ng		99
41) Hexachlorocyclopentadiene	12.639	237	912397	104.001	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	507005	44.982	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	543532	45.682	ng		98
46) 1,1'-Biphenyl	13.316	154	1950100	43.796	ng		99
47) 2-Chloronaphthalene	13.357	162	1514449	44.439	ng		99
48) 2-Nitroaniline	13.574	65	439478	47.320	ng		92
49) Acenaphthylene	14.204	152	2388338	45.337	ng		99
50) Dimethylphthalate	13.945	163	1696630	40.834	ng		99
51) 2,6-Dinitrotoluene	14.068	165	380985	45.701	ng		92
52) Acenaphthene	14.545	154	1675530m	48.623	ng		
53) 3-Nitroaniline	14.404	138	346220	35.596	ng		94
54) 2,4-Dinitrophenol	14.610	184	432685	98.082	ng		88
55) Dibenzofuran	14.874	168	2164265	41.940	ng		98
56) 4-Nitrophenol	14.745	139	709036	91.096	ng		85
57) 2,4-Dinitrotoluene	14.857	165	506465	46.351	ng		98
58) Fluorene	15.527	166	1728445	42.462	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	416336	41.307	ng		97
60) Diethylphthalate	15.304	149	1656193	38.788	ng		100
61) 4-Chlorophenyl-phenyle...	15.521	204	802367	39.530	ng		96
62) 4-Nitroaniline	15.568	138	419538m	41.929	ng		
63) Azobenzene	15.815	77	1622416	39.970	ng		94
65) 4,6-Dinitro-2-methylph...	15.615	198	250030	45.161	ng		93
66) n-Nitrosodiphenylamine	15.739	169	1427025	46.686	ng		100
67) 4-Bromophenyl-phenylether	16.415	248	468877	43.292	ng		93
68) Hexachlorobenzene	16.521	284	564478	45.424	ng		93
69) Atrazine	16.698	200	455364	53.241	ng		97
70) Pentachlorophenol	16.874	266	653345	89.770	ng		99
71) Phenanthrene	17.262	178	2491620	45.168	ng		99
72) Anthracene	17.351	178	2512012	47.036	ng		99
73) Carbazole	17.633	167	2332919	43.112	ng		99
74) Di-n-butylphthalate	18.192	149	2575737	39.874	ng		100
75) Fluoranthene	19.274	202	2615327	42.354	ng		99
77) Benzidine	19.474	184	1549550	120.132	ng		99
78) Pyrene	19.639	202	2691609	50.467	ng		100
80) Butylbenzylphthalate	20.539	149	1048731	45.559	ng		99
81) Benzo(a)anthracene	21.386	228	2375948	44.850	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	797013	61.960	ng		100
83) Chrysene	21.439	228	2223433	44.152	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1408523	40.559	ng		99
85) Di-n-octyl phthalate	22.221	149	2273812	40.119	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.185	276	2660749	46.511	ng		98
88) Benzo(b)fluoranthene	23.033	252	2335312	48.964	ng		99
89) Benzo(k)fluoranthene	23.080	252	2226077	46.211	ng		98
90) Benzo(a)pyrene	23.644	252	2044702	51.096	ng		99
91) Dibenzo(a,h)anthracene	26.203	278	2329113	48.639	ng		99
92) Benzo(g,h,i)perylene	26.938	276	2346560	50.618	ng		99

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

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