Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100421\
Data File : BM032323.D
Acq On : 04 Oct 2021 15:30
Operator : CG/JU
Sample : PB139114BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 16:54:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 18:34:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB139114BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2021
Supervised By :mohammad ahmed 10/05/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.636	152	357162	20.00	ng		0.00
21) Naphthalene-d8	10.425	136	1433991	20.00	ng	#	0.00
39) Acenaphthene-d10	14.283	164	865114	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1709642	20.00	ng	#	0.00
76) Chrysene-d12	21.177	240	1469764	20.00	ng	#	0.00
86) Perylene-d12	23.335	264	1425926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.207	112	2883277	136.02	ng		0.00
7) Phenol-d6	6.831	99	3634596	125.38	ng		0.00
23) Nitrobenzene-d5	8.795	82	2241952	86.95	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	1213512	125.30	ng		0.00
45) 2-Fluorobiphenyl	12.901	172	4701907	80.81	ng		0.00
79) Terphenyl-d14	19.630	244	5913557	84.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.007	88	311883	34.57	ng		90
3) Pyridine	3.413	79	778955	31.91	ng		93
4) n-Nitrosodimethylamine	3.331	42	439379	44.88	ng	#	64
6) Aniline	6.960	93	1446635	45.16	ng		91
8) 2-Chlorophenol	7.207	128	1090681	47.21	ng		92
9) Benzaldehyde	6.760	77	646158	38.19	ng		87
10) Phenol	6.860	94	1324412	47.45	ng		81
11) bis(2-Chloroethyl)ether	7.054	93	1016288	45.78	ng		94
12) 1,3-Dichlorobenzene	7.525	146	1148105	44.09	ng	#	91
13) 1,4-Dichlorobenzene	7.672	146	1173938	44.29	ng		98
14) 1,2-Dichlorobenzene	7.989	146	1138984	44.77	ng		96
15) Benzyl Alcohol	7.878	79	929075	46.80	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1298987	46.19	ng		97
17) 2-Methylphenol	8.101	107	898417	47.63	ng	#	89
18) Hexachloroethane	8.725	117	416330	46.14	ng		93
19) n-Nitroso-di-n-propyla...	8.448	70	711183	45.12	ng	#	84
20) 3+4-Methylphenols	8.431	107	1180423	46.39	ng		96
22) Acetophenone	8.454	105	1507054	43.61	ng	#	88
24) Nitrobenzene	8.831	77	1130508	45.46	ng	#	89
25) Isophorone	9.354	82	1940135	45.29	ng		95
26) 2-Nitrophenol	9.542	139	540592	46.72	ng	#	76
27) 2,4-Dimethylphenol	9.619	122	1000940	51.28	ng		94
28) bis(2-Chloroethoxy)met...	9.836	93	1315593	42.71	ng		99
29) 2,4-Dichlorophenol	10.083	162	997830	45.90	ng		96
30) 1,2,4-Trichlorobenzene	10.295	180	1040668	42.20	ng		99
31) Naphthalene	10.477	128	3198483	43.47	ng		99
32) Benzoic acid	9.795	122	608916	41.97	ng	#	84
33) 4-Chloroaniline	10.583	127	1096869	36.11	ng	#	93
34) Hexachlorobutadiene	10.783	225	612130	41.54	ng		99
35) Caprolactam	11.342	113	313560	47.06	ng	#	79
36) 4-Chloro-3-methylphenol	11.730	107	1067555	45.61	ng		97
37) 2-Methylnaphthalene	12.089	142	2266450m	45.32	ng		
38) 1-Methylnaphthalene	12.313	142	2108111	43.14	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.477	216	1031553	41.39	ng		97
41) Hexachlorocyclopentadiene	12.466	237	1275033	107.33	ng		98
43) 2,4,6-Trichlorophenol	12.719	196	772000	44.77	ng		94

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44) 2,4,5-Trichlorophenol	12.789	196	842900	45.48	ng	#	92
46) 1,1'-Biphenyl	13.113	154	2727272	42.72	ng		100
47) 2-Chloronaphthalene	13.154	162	2154671	44.01	ng		98
48) 2-Nitroaniline	13.354	65	649443	48.79	ng	#	79
49) Acenaphthylene	14.007	152	3454566	45.45	ng		99
50) Dimethylphthalate	13.742	163	2714621	44.43	ng		99
51) 2,6-Dinitrotoluene	13.854	165	591518	47.80	ng	#	63
52) Acenaphthene	14.348	154	2451301m	48.89	ng		
53) 3-Nitroaniline	14.183	138	539506	38.80	ng		89
54) 2,4-Dinitrophenol	14.383	184	640322	93.25	ng	#	66
55) Dibenzofuran	14.683	168	3260064	42.71	ng		94
56) 4-Nitrophenol	14.513	139	1093554	95.36	ng	#	67
57) 2,4-Dinitrotoluene	14.642	165	824057	50.52	ng	#	61
58) Fluorene	15.330	166	2421583	41.71	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.918	232	706719	44.26	ng	#	84
60) Diethylphthalate	15.107	149	2684245	44.76	ng		96
61) 4-Chlorophenyl-phenyle...	15.318	204	1210464	40.25	ng		93
62) 4-Nitroaniline	15.348	138	655286	47.22	ng	#	70
63) Azobenzene	15.612	77	2567148	44.96	ng		86
65) 4,6-Dinitro-2-methylph...	15.407	198	422765	43.93	ng	#	75
66) n-Nitrosodiphenylamine	15.536	169	2291467	45.39	ng		97
67) 4-Bromophenyl-phenylether	16.207	248	782153	43.96	ng		93
68) Hexachlorobenzene	16.342	284	878559	44.85	ng	#	85
69) Atrazine	16.477	200	822113	47.82	ng		95
70) Pentachlorophenol	16.683	266	1095731	90.63	ng		97
71) Phenanthrene	17.054	178	3997930	44.55	ng		99
72) Anthracene	17.142	178	4082866	46.57	ng		99
73) Carbazole	17.412	167	3761687	43.20	ng		98
74) Di-n-butylphthalate	17.965	149	4366955	46.69	ng	#	97
75) Fluoranthene	19.065	202	4475003	44.97	ng		97
77) Benzidine	19.242	184	3211027	87.95	ng		98
78) Pyrene	19.424	202	4552832	45.68	ng		98
80) Butylbenzylphthalate	20.312	149	1881394	49.70	ng		93
81) Benzo(a)anthracene	21.165	228	4045645	44.04	ng		98
82) 3,3'-Dichlorobenzidine	21.094	252	1088795	37.62	ng		100
83) Chrysene	21.218	228	4008828	45.11	ng		99
84) Bis(2-ethylhexyl)phtha...	21.083	149	2532115	49.61	ng		94
85) Di-n-octyl phthalate	21.930	149	4419580	51.64	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.477	276	4033248	45.90	ng		96
88) Benzo(b)fluoranthene	22.694	252	3976069	45.84	ng		99
89) Benzo(k)fluoranthene	22.736	252	3984722	47.03	ng		98
90) Benzo(a)pyrene	23.241	252	3825873	54.39	ng		98
91) Dibenzo(a,h)anthracene	25.482	278	3459485	46.70	ng	#	95
92) Benzo(g,h,i)perylene	26.135	276	3469679	47.38	ng	#	95

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

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