Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032397.D
Acq On : 08 Oct 2021 17:28
Operator : CG/JU
Sample : PB139742BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 19:16:40 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 08 17:11:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB139742BSD

Manual Integrations APPROVED
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10/11/2021 2:13:22 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.613	152	396497	20.00	ng		0.00
21) Naphthalene-d8	10.407	136	1568530	20.00	ng	#	0.00
39) Acenaphthene-d10	14.265	164	901811	20.00	ng		0.00
64) Phenanthrene-d10	16.989	188	1601456	20.00	ng	#	0.00
76) Chrysene-d12	21.153	240	1067728	20.00	ng	#	0.00
86) Perylene-d12	23.294	264	980666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.190	112	1904647	80.94	ng		0.00
7) Phenol-d6	6.813	99	2417391	75.12	ng		0.00
23) Nitrobenzene-d5	8.772	82	2146174	76.10	ng		0.00
42) 2,4,6-Tribromophenol	15.748	330	673959	66.76	ng		0.00
45) 2-Fluorobiphenyl	12.883	172	4325047	71.31	ng		0.00
79) Terphenyl-d14	19.606	244	4304353	84.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	297090	29.67	ng		91
3) Pyridine	3.402	79	729685	26.93	ng		94
4) n-Nitrosodimethylamine	3.319	42	409719	37.70	ng	#	59
6) Aniline	6.942	93	1446906	40.69	ng		90
8) 2-Chlorophenol	7.189	128	1044977	40.74	ng		91
9) Benzaldehyde	6.742	77	601068	32.00	ng		85
10) Phenol	6.837	94	1286096	41.51	ng		81
11) bis(2-Chloroethyl)ether	7.037	93	973550	39.51	ng		92
12) 1,3-Dichlorobenzene	7.507	146	1090985	37.74	ng	#	91
13) 1,4-Dichlorobenzene	7.648	146	1118074	38.00	ng		98
14) 1,2-Dichlorobenzene	7.972	146	1081570	38.30	ng		97
15) Benzyl Alcohol	7.860	79	885903	40.19	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.148	45	1221271	39.12	ng		97
17) 2-Methylphenol	8.078	107	858206	40.99	ng	#	89
18) Hexachloroethane	8.701	117	405555	40.49	ng		93
19) n-Nitroso-di-n-propyla...	8.425	70	687843	39.31	ng	#	83
20) 3+4-Methylphenols	8.407	107	1129577	39.99	ng		94
22) Acetophenone	8.436	105	1446057	38.25	ng	#	86
24) Nitrobenzene	8.813	77	1077317	39.61	ng	#	88
25) Isophorone	9.331	82	1866420	39.83	ng		95
26) 2-Nitrophenol	9.525	139	529049	41.80	ng	#	74
27) 2,4-Dimethylphenol	9.601	122	941727	44.11	ng		94
28) bis(2-Chloroethoxy)met...	9.813	93	1240352	36.81	ng		99
29) 2,4-Dichlorophenol	10.066	162	934348	39.29	ng		96
30) 1,2,4-Trichlorobenzene	10.278	180	980667	36.36	ng		97
31) Naphthalene	10.454	128	3024672	37.58	ng		99
32) Benzoic acid	9.742	122	368236	25.36	ng	#	84
33) 4-Chloroaniline	10.560	127	1139824	34.31	ng		94
34) Hexachlorobutadiene	10.760	225	572170	35.50	ng		98
35) Caprolactam	11.330	113	275605	37.82	ng	#	79
36) 4-Chloro-3-methylphenol	11.707	107	974626	38.07	ng		97
37) 2-Methylnaphthalene	12.072	142	2106206m	38.51	ng		
38) 1-Methylnaphthalene	12.295	142	1950620	36.49	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.454	216	955685	36.79	ng		98
41) Hexachlorocyclopentadiene	12.448	237	1274045	102.88	ng		97
43) 2,4,6-Trichlorophenol	12.695	196	693155	38.56	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	747788	38.70	ng	#	92
46) 1,1'-Biphenyl	13.089	154	2490584	37.43	ng		99
47) 2-Chloronaphthalene	13.130	162	1970296	38.61	ng		99
48) 2-Nitroaniline	13.336	65	579898	41.80	ng	#	77
49) Acenaphthylene	13.983	152	3094703	39.06	ng		99
50) Dimethylphthalate	13.718	163	2318962	36.41	ng		99
51) 2,6-Dinitrotoluene	13.830	165	514222	39.86	ng	#	63
52) Acenaphthene	14.330	154	2113767m	40.44	ng		
53) 3-Nitroaniline	14.166	138	500956	34.56	ng		86
54) 2,4-Dinitrophenol	14.366	184	468607	65.47	ng	#	64
55) Dibenzofuran	14.660	168	2859003	35.93	ng		93
56) 4-Nitrophenol	14.495	139	858509	71.82	ng	#	65
57) 2,4-Dinitrotoluene	14.618	165	677776	39.86	ng	#	61
58) Fluorene	15.307	166	2101338	34.73	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	585748	35.19	ng	#	83
60) Diethylphthalate	15.083	149	2195240	35.11	ng		95
61) 4-Chlorophenyl-phenyle...	15.301	204	1043234	33.28	ng		92
62) 4-Nitroaniline	15.330	138	516846	35.73	ng	#	68
63) Azobenzene	15.595	77	2161497	36.32	ng		84
65) 4,6-Dinitro-2-methylph...	15.389	198	314539	34.90	ng	#	74
66) n-Nitrosodiphenylamine	15.512	169	1905049	40.29	ng		98
67) 4-Bromophenyl-phenylether	16.189	248	641386	38.48	ng		91
68) Hexachlorobenzene	16.324	284	707395	38.55	ng	#	82
69) Atrazine	16.459	200	620751	38.55	ng		95
70) Pentachlorophenol	16.659	266	778169	68.72	ng		98
71) Phenanthrene	17.036	178	3181618	37.85	ng		100
72) Anthracene	17.124	178	3264846	39.75	ng		99
73) Carbazole	17.389	167	2868812	35.17	ng		98
74) Di-n-butylphthalate	17.948	149	3274888	37.38	ng	#	97
75) Fluoranthene	19.042	202	3242370	34.79	ng		97
77) Benzidine	19.218	184	2044399	77.08	ng		98
78) Pyrene	19.406	202	3260282	45.03	ng		99
80) Butylbenzylphthalate	20.295	149	1171954	42.62	ng		88
81) Benzo(a)anthracene	21.142	228	2506506	37.56	ng		99
82) 3,3'-Dichlorobenzidine	21.077	252	767342	36.50	ng		99
83) Chrysene	21.194	228	2466699	38.21	ng		99
84) Bis(2-ethylhexyl)phtha...	21.065	149	1501002	40.48	ng	#	94
85) Di-n-octyl phthalate	21.906	149	2345053	37.71	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.424	276	2641179	43.71	ng		96
88) Benzo(b)fluoranthene	22.659	252	2347121	39.35	ng		98
89) Benzo(k)fluoranthene	22.700	252	2221141	38.11	ng		98
90) Benzo(a)pyrene	23.206	252	2222319	45.94	ng		98
91) Dibenzo(a,h)anthracene	25.424	278	2248149	44.13	ng	#	96
92) Benzo(g,h,i)perylene	26.076	276	2333442	46.33	ng	#	95

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

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