Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029517.D
Acq On : 16 Apr 2021 12:03
Operator : CG/JU
Sample : PB135697BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 13:50:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB135697BS

Manual Integrations APPROVED
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4/19/2021 11:46:12 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	85397	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	331837	20.00	ng		0.00
39) Acenaphthene-d10	14.316	164	172933	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	295937	20.00	ng		0.00
76) Chrysene-d12	21.233	240	252205	20.00	ng	#	0.00
86) Perylene-d12	23.439	264	276553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	726712	140.50	ng		0.00
7) Phenol-d6	6.852	99	907726	124.32	ng		0.00
23) Nitrobenzene-d5	8.828	82	657281	90.81	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	218013	126.13	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	1114799	89.81	ng		0.00
79) Terphenyl-d14	19.686	244	1170415	88.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	87384	38.87	ng	#	93
3) Pyridine	3.611	79	240644	42.36	ng		93
4) n-Nitrosodimethylamine	3.522	42	152416	56.24	ng	#	96
6) Aniline	7.010	93	321649	40.35	ng		99
8) 2-Chlorophenol	7.240	128	268193	46.85	ng		95
9) Benzaldehyde	6.822	77	161808	35.21	ng		93
10) Phenol	6.875	94	340928	47.47	ng		95
11) bis(2-Chloroethyl)ether	7.104	93	262502	48.28	ng		98
12) 1,3-Dichlorobenzene	7.563	146	290979	46.70	ng		96
13) 1,4-Dichlorobenzene	7.710	146	293208	46.26	ng		98
14) 1,2-Dichlorobenzene	8.022	146	280071	45.94	ng		97
15) Benzyl Alcohol	7.916	79	261172	48.51	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.210	45	419603	51.49	ng		98
17) 2-Methylphenol	8.116	107	218638	46.74	ng		96
18) Hexachloroethane	8.746	117	124447	50.21	ng		91
19) n-Nitroso-di-n-propyla...	8.481	70	229562	46.50	ng		96
20) 3+4-Methylphenols	8.446	107	290383	45.78	ng		97
22) Acetophenone	8.493	105	397644	46.33	ng	#	95
24) Nitrobenzene	8.869	77	342631	46.13	ng		98
25) Isophorone	9.398	82	563238	43.49	ng		98
26) 2-Nitrophenol	9.575	139	128010	43.14	ng		88
27) 2,4-Dimethylphenol	9.640	122	231806	49.75	ng		95
28) bis(2-Chloroethoxy)met...	9.875	93	327820	48.99	ng		98
29) 2,4-Dichlorophenol	10.104	162	220108	42.66	ng		95
30) 1,2,4-Trichlorobenzene	10.322	180	239315	42.93	ng		98
31) Naphthalene	10.504	128	777138	44.44	ng		99
32) Benzoic acid	9.781	122	140848	40.01	ng		96
33) 4-Chloroaniline	10.616	127	129800	18.42	ng		98
34) Hexachlorobutadiene	10.793	225	138002	42.04	ng		98
35) Caprolactam	11.398	113	62519m	38.54	ng		
36) 4-Chloro-3-methylphenol	11.745	107	241424	43.45	ng		93
37) 2-Methylnaphthalene	12.122	142	533869	43.31	ng		98
38) 1-Methylnaphthalene	12.345	142	487449	41.81	ng		98
40) 1,2,4,5-Tetrachloroben...	12.492	216	224647	46.32	ng	#	94
41) Hexachlorocyclopentadiene	12.475	237	335972	119.40	ng		99
43) 2,4,6-Trichlorophenol	12.739	196	152697	44.36	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	164046	44.19	ng		94
46) 1,1'-Biphenyl	13.145	154	644212	48.12	ng		99
47) 2-Chloronaphthalene	13.181	162	485568	46.89	ng		96
48) 2-Nitroaniline	13.392	65	176663	51.14	ng		91
49) Acenaphthylene	14.033	152	800479	49.55	ng		100
50) Dimethylphthalate	13.781	163	564454	45.20	ng		100
51) 2,6-Dinitrotoluene	13.892	165	120539	43.36	ng	#	82
52) Acenaphthene	14.381	154	472128	47.27	ng		99
53) 3-Nitroaniline	14.222	138	75787	26.71	ng		94
54) 2,4-Dinitrophenol	14.428	184	135414	92.55	ng	#	78
55) Dibenzofuran	14.716	168	686518	43.83	ng		96
56) 4-Nitrophenol	14.533	139	221937	91.82	ng		93
57) 2,4-Dinitrotoluene	14.680	165	160977	43.73	ng	#	85
58) Fluorene	15.363	166	572545	44.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.939	232	124962m	43.77	ng		
60) Diethylphthalate	15.145	149	581792	45.61	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	253329	43.06	ng		91
62) 4-Nitroaniline	15.386	138	123182	41.29	ng		87
63) Azobenzene	15.651	77	708394	48.27	ng		94
65) 4,6-Dinitro-2-methylph...	15.445	198	74562	39.42	ng		88
66) n-Nitrosodiphenylamine	15.575	169	472600	48.29	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	136266	46.34	ng		97
68) Hexachlorobenzene	16.369	284	152223	47.14	ng		95
69) Atrazine	16.533	200	155112	47.56	ng		99
70) Pentachlorophenol	16.710	266	196208	106.30	ng		96
71) Phenanthrene	17.098	178	795686	46.49	ng		100
72) Anthracene	17.186	178	810448	47.96	ng		99
73) Carbazole	17.457	167	731343	44.31	ng		98
74) Di-n-butylphthalate	18.027	149	912732	48.24	ng	#	98
75) Fluoranthene	19.116	202	808710	42.41	ng		99
77) Benzidine	19.304	184	379495	46.39	ng		99
78) Pyrene	19.474	202	833693	47.57	ng		100
80) Butylbenzylphthalate	20.380	149	386231	48.94	ng		85
81) Benzo(a)anthracene	21.221	228	780499	46.37	ng		99
82) 3,3'-Dichlorobenzidine	21.157	252	220499	39.00	ng		97
83) Chrysene	21.274	228	739594	44.88	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	583606	48.07	ng		97
85) Di-n-octyl phthalate	22.027	149	971612	46.63	ng		95
87) Indeno(1,2,3-cd)pyrene	25.662	276	1118761	54.88	ng		98
88) Benzo(b)fluoranthene	22.780	252	839418	46.22	ng		99
89) Benzo(k)fluoranthene	22.827	252	764028	43.99	ng		98
90) Benzo(a)pyrene	23.345	252	749162	45.12	ng		99
91) Dibenzo(a,h)anthracene	25.674	278	928320	53.04	ng		98
92) Benzo(g,h,i)perylene	26.344	276	922571	54.67	ng		96

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

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