Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024680.D
Acq On : 31 Jan 2020 17:59
Operator : CG/JU
Sample : PB126499BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 02:17:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB126499BS

Manual Integrations APPROVED
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2/3/2020 4:11:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	203472	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	744470	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	513706	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1192936	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1246895	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1397838	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	553299	51.71	ng	-0.01
7) Phenol-d6	6.62	99	411335	27.91	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1273400	83.88	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	895583	107.18	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3564297	94.33	ng	-0.02
79) Terphenyl-d14	19.49	244	7124598	106.67	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	85721	20.254	ng	92
3) Pyridine	3.44	79	172305	14.044	ng	96
4) n-Nitrosodimethylamine	3.35	42	96420	17.705	ng	88
6) Aniline	6.76	93	285120	15.891	ng	97
8) 2-Chlorophenol	7.00	128	567133	46.564	ng	93
9) Benzaldehyde	6.58	77	332603	38.192	ng	94
10) Phenol	6.65	94	223055	15.182	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	525061	44.642	ng	93
12) 1,3-Dichlorobenzene	7.32	146	637571	42.610	ng	96
13) 1,4-Dichlorobenzene	7.46	146	648260	42.706	ng	96
14) 1,2-Dichlorobenzene	7.77	146	624927	42.650	ng	98
15) Benzyl Alcohol	7.67	79	349246	28.740	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.96	45	382654	35.539	ng	98
17) 2-Methylphenol	7.88	107	374207	36.144	ng	94
18) Hexachloroethane	8.49	117	217438	37.095	ng	92
19) n-Nitroso-di-n-propylamine	8.23	70	418675	37.834	ng	94
20) 3+4-Methylphenols	8.20	107	449792	31.384	ng	97
22) Acetophenone	8.24	105	864391	45.029	ng	95
24) Nitrobenzene	8.60	77	644511	44.305	ng	96
25) Isophorone	9.13	82	1152104	44.666	ng	97
26) 2-Nitrophenol	9.31	139	363012	53.891	ng	89
27) 2,4-Dimethylphenol	9.39	122	512025	55.937	ng	93
28) bis(2-Chloroethoxy)methane	9.62	93	706234	44.821	ng	98
29) 2,4-Dichlorophenol	9.85	162	669415	54.129	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	701293	47.019	ng	99
31) Naphthalene	10.23	128	1771596	47.115	ng	100
32) Benzoic acid	9.50	122	122851m	14.672	ng	
33) 4-Chloroaniline	10.35	127	242807	14.732	ng	96
34) Hexachlorobutadiene	10.53	225	445077	43.167	ng	99
35) Caprolactam	11.13	113	31209m	7.866	ng	
36) 4-Chloro-3-methylphenol	11.49	107	599054	45.555	ng	90
37) 2-Methylnaphthalene	11.86	142	1405463	48.435	ng	98
38) 1-Methylnaphthalene	12.08	142	1337055	48.440	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	884541	48.245	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	997733	97.088	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	617961	52.966	ng		97
44) 2,4,5-Trichlorophenol	12.56	196	660860	55.463	ng	#	95
46) 1,1'-Biphenyl	12.90	154	1875577	48.245	ng		99
47) 2-Chloronaphthalene	12.93	162	1516827	48.330	ng		98
48) 2-Nitroaniline	13.15	65	373895	39.061	ng		85
49) Acenaphthylene	13.79	152	2398868	51.058	ng		100
50) Dimethylphthalate	13.55	163	2015572	48.522	ng		99
51) 2,6-Dinitrotoluene	13.66	165	456469	51.686	ng		86
52) Acenaphthene	14.14	154	1412837	48.460	ng		99
53) 3-Nitroaniline	13.99	138	168400	18.384	ng		92
54) 2,4-Dinitrophenol	14.20	184	566202	107.210	ng	#	86
55) Dibenzofuran	14.48	168	2414785	50.787	ng		96
56) 4-Nitrophenol	14.32	139	308942	43.147	ng		85
57) 2,4-Dinitrotoluene	14.46	165	644460	50.916	ng	#	84
58) Fluorene	15.13	166	1950637	48.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	648079	53.634	ng		94
60) Diethylphthalate	14.94	149	1965223	46.600	ng		97
61) 4-Chlorophenyl-phenylether	15.14	204	1099047	47.709	ng		99
62) 4-Nitroaniline	15.16	138	412159	40.764	ng		91
63) Azobenzene	15.43	77	1512665	42.051	ng		94
65) 4,6-Dinitro-2-methylphenol	15.23	198	416389	59.364	ng		86
66) n-Nitrosodiphenylamine	15.36	169	1742313	50.845	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	741518	49.984	ng		97
68) Hexachlorobenzene	16.14	284	877570	51.549	ng		96
69) Atrazine	16.33	200	731810	55.637	ng		98
70) Pentachlorophenol	16.49	266	1124465	108.438	ng		98
71) Phenanthrene	16.87	178	3222708	49.888	ng		100
72) Anthracene	16.96	178	3308698	52.345	ng		100
73) Carbazole	17.24	167	2940470	51.102	ng		99
74) Di-n-butylphthalate	17.83	149	3479630	47.302	ng		99
75) Fluoranthene	18.90	202	4120940	51.111	ng		99
77) Benzidine	19.10	184	1191719	41.039	ng		100
78) Pyrene	19.26	202	4220894	51.349	ng		100
80) Butylbenzylphthalate	20.20	149	1599352	46.369	ng		92
81) Benzo(a)anthracene	21.03	228	4311281	49.817	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1180209	37.911	ng		99
83) Chrysene	21.08	228	4141194	50.148	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2358148	46.335	ng		98
85) Di-n-octyl phthalate	21.85	149	4043693	48.092	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5135549	57.058	ng		98
88) Benzo(b)fluoranthene	22.53	252	4683535	51.660	ng		99
89) Benzo(k)fluoranthene	22.57	252	4263291	48.176	ng		99
90) Benzo(a)pyrene	23.06	252	4058960	49.243	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	4353990	55.654	ng		99
92) Benzo(g,h,i)perylene	25.85	276	4294469	60.453	ng		99

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

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