Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
Data File : BM027453.D
Acq On : 17 Sep 2020 18:42
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 19:12:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 18:41:38 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/21/2020 10:32:50 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	186250	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	655387	20.00	ng	0.00
39) Acenaphthene-d10	14.151	164	426700	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	911318	20.00	ng	0.00
76) Chrysene-d12	21.109	240	901011	20.00	ng	0.00
86) Perylene-d12	23.250	264	867275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.128	112	1231080	110.04	ng	0.00
7) Phenol-d6	6.704	99	1669893	110.61	ng	0.01
23) Nitrobenzene-d5	8.651	82	1799405	117.29	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	821311	109.78	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	3930724	122.51	ng	0.00
79) Terphenyl-d14	19.551	244	6325280	122.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	287647	60.30	ng	98
3) Pyridine	3.469	79	800020	57.74	ng	98
4) n-Nitrosodimethylamine	3.387	42	285145	52.14	ng	97
6) Aniline	6.846	93	946213	51.56	ng	99
8) 2-Chlorophenol	7.075	128	631390	55.44	ng	98
9) Benzaldehyde	6.651	77	501110	42.19	ng	99
10) Phenol	6.728	94	787126	54.26	ng	97
11) bis(2-Chloroethyl)ether	6.946	93	676240	55.39	ng	99
12) 1,3-Dichlorobenzene	7.393	146	813710	57.40	ng	100
13) 1,4-Dichlorobenzene	7.540	146	817815	57.38	ng	99
14) 1,2-Dichlorobenzene	7.851	146	764664	55.83	ng	99
15) Benzyl Alcohol	7.751	79	686085	52.88	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.045	45	525162	56.81	ng	98
17) 2-Methylphenol	7.957	107	527970	53.60	ng	98
18) Hexachloroethane	8.569	117	332975	58.30	ng	95
19) n-Nitroso-di-n-propyla...	8.322	70	611259	50.84	ng	97
20) 3+4-Methylphenols	8.287	107	711092	52.91	ng	98
22) Acetophenone	8.322	105	1018365	55.19	ng	97
24) Nitrobenzene	8.693	77	903133	56.55	ng	99
25) Isophorone	9.222	82	1402715	51.97	ng	99
26) 2-Nitrophenol	9.398	139	359406	60.63	ng	95
27) 2,4-Dimethylphenol	9.475	122	472646	46.68	ng	99
28) bis(2-Chloroethoxy)met...	9.704	93	901359	58.22	ng	98
29) 2,4-Dichlorophenol	9.934	162	668507	57.35	ng	97
30) 1,2,4-Trichlorobenzene	10.139	180	839688	60.33	ng	99
31) Naphthalene	10.322	128	1980611	56.42	ng	99
32) Benzoic acid	9.663	122	398009	61.13	ng	94
33) 4-Chloroaniline	10.434	127	801240	53.76	ng	98
34) Hexachlorobutadiene	10.616	225	596055	63.37	ng	99
35) Caprolactam	11.239	113	169394m	49.38	ng	
36) 4-Chloro-3-methylphenol	11.581	107	660217	52.71	ng	97
37) 2-Methylnaphthalene	11.945	142	1495092	54.35	ng	99
38) 1-Methylnaphthalene	12.169	142	1416515	54.84	ng	100
40) 1,2,4,5-Tetrachloroben...	12.328	216	937240	61.01	ng	99
41) Hexachlorocyclopentadiene	12.310	237	554967	54.89	ng	100
43) 2,4,6-Trichlorophenol	12.575	196	600574	63.77	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.645	196	609482	59.53	ng	98
46)	1,1'-Biphenyl	12.980	154	1974704	58.47	ng	100
47)	2-Chloronaphthalene	13.016	162	1664080	62.15	ng	99
48)	2-Nitroaniline	13.227	65	513741	62.74	ng	96
49)	Acenaphthylene	13.869	152	2356251	58.09	ng	100
50)	Dimethylphthalate	13.627	163	2019294	57.58	ng	100
51)	2,6-Dinitrotoluene	13.739	165	426813	57.13	ng	94
52)	Acenaphthene	14.216	154	1479396	58.79	ng	99
53)	3-Nitroaniline	14.063	138	416672	62.05	ng	98
54)	2,4-Dinitrophenol	14.275	184	248386	58.42	ng	98
55)	Dibenzofuran	14.557	168	2412212	56.67	ng	99
56)	4-Nitrophenol	14.386	139	314680	53.25	ng	97
57)	2,4-Dinitrotoluene	14.533	165	594158	57.39	ng	96
58)	Fluorene	15.210	166	2010792	56.27	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.792	232	578330	58.43	ng	100
60)	Diethylphthalate	15.004	149	2016724	55.91	ng	100
61)	4-Chlorophenyl-phenyle...	15.210	204	1160377	59.11	ng	99
62)	4-Nitroaniline	15.233	138	436704	61.98	ng	98
63)	Azobenzene	15.504	77	2060532	55.22	ng	99
65)	4,6-Dinitro-2-methylph...	15.298	198	327250	55.95	ng	98
66)	n-Nitrosodiphenylamine	15.427	169	1648471	58.48	ng	99
67)	4-Bromophenyl-phenylether	16.104	248	719015	63.90	ng	99
68)	Hexachlorobenzene	16.216	284	828241	63.06	ng	98
69)	Atrazine	16.392	200	614524	74.52	ng	99
70)	Pentachlorophenol	16.557	266	465539	58.61	ng	98
71)	Phenanthrene	16.945	178	3071875	57.97	ng	100
72)	Anthracene	17.033	178	3009942	56.28	ng	99
73)	Carbazole	17.310	167	2605130	55.80	ng	100
74)	Di-n-butylphthalate	17.892	149	3435290	61.17	ng	100
75)	Fluoranthene	18.968	202	3597285	55.96	ng	100
77)	Benzidine	19.162	184	1220859	48.28	ng	99
78)	Pyrene	19.333	202	3688034	60.02	ng	100
80)	Butylbenzylphthalate	20.262	149	1512080	65.76	ng	100
81)	Benzo(a)anthracene	21.092	228	3550654	59.02	ng	99
82)	3,3'-Dichlorobenzidine	21.033	252	1282921	56.34	ng	99
83)	Chrysene	21.145	228	3468546	59.33	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.051	149	2214674	66.35	ng	99
85)	Di-n-octyl phthalate	21.909	149	3642775	65.57	ng	99
87)	Indeno(1,2,3-cd)pyrene	25.380	276	4075891	69.30	ng	99
88)	Benzo(b)fluoranthene	22.621	252	3608773	59.82	ng	100
89)	Benzo(k)fluoranthene	22.662	252	3549734	60.86	ng	99
90)	Benzo(a)pyrene	23.162	252	3314619	64.96	ng	99
91)	Dibenzo(a,h)anthracene	25.391	278	3400274	68.45	ng	100
92)	Benzo(g,h,i)perylene	26.027	276	3231350	67.50	ng	99

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

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