Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026284.D
Acq On : 08 Jun 2020 13:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/9/2020 12:21:36 PM

Quant Time: Jun 08 15:04:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:00:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	118354	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	539556	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	356582	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	813993	20.00	ng	0.00
76) Chrysene-d12	21.05	240	890901	20.00	ng	0.00
86) Perylene-d12	23.15	264	818800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	553083	82.62	ng	0.00
7) Phenol-d6	6.65	99	828576	85.48	ng	0.00
23) Nitrobenzene-d5	8.59	82	921189	83.83	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	376393	87.14	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	1967911	83.77	ng	0.00
79) Terphenyl-d14	19.50	244	3550381	77.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	128005	42.413	ng	97
3) Pyridine	3.43	79	376212m	42.440	ng	
4) n-Nitrosodimethylamine	3.35	42	196435	44.756	ng	94
6) Aniline	6.79	93	544744	42.845	ng	99
8) 2-Chlorophenol	7.02	128	329490	42.673	ng	99
9) Benzaldehyde	6.60	77	209625	33.915	ng	98
10) Phenol	6.67	94	438136	42.442	ng	98
11) bis(2-Chloroethyl)ether	6.89	93	352792	42.429	ng	99
12) 1,3-Dichlorobenzene	7.33	146	358038	41.883	ng	97
13) 1,4-Dichlorobenzene	7.47	146	368027	42.266	ng	100
14) 1,2-Dichlorobenzene	7.79	146	366389	43.076	ng	98
15) Benzyl Alcohol	7.69	79	359585	43.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	676504	43.565	ng	99
17) 2-Methylphenol	7.90	107	324023	42.946	ng	99
18) Hexachloroethane	8.50	117	141827	43.008	ng	98
19) n-Nitroso-di-n-propylamine	8.26	70	332878	44.069	ng	99
20) 3+4-Methylphenols	8.23	107	450037	43.763	ng	99
22) Acetophenone	8.26	105	573430	41.331	ng	97
24) Nitrobenzene	8.63	77	472450	41.070	ng	99
25) Isophorone	9.16	82	856232	41.475	ng	99
26) 2-Nitrophenol	9.33	139	184376	40.499	ng	98
27) 2,4-Dimethylphenol	9.41	122	299351	41.651	ng	97
28) bis(2-Chloroethoxy)methane	9.65	93	485213	41.426	ng	99
29) 2,4-Dichlorophenol	9.86	162	332248	42.133	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	364285	42.128	ng	96
31) Naphthalene	10.25	128	1141183	41.971	ng	99
32) Benzoic acid	9.58	122	212017	37.902	ng	89
33) 4-Chloroaniline	10.37	127	501651	42.301	ng	99
34) Hexachlorobutadiene	10.55	225	233457	42.766	ng	99
35) Caprolactam	11.17	113	116064	41.894	ng	89
36) 4-Chloro-3-methylphenol	11.52	107	413333	43.016	ng	100
37) 2-Methylnaphthalene	11.87	142	831729	42.926	ng	99
38) 1-Methylnaphthalene	12.10	142	788769	42.974	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	421271	41.503	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	245455	41.035	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	286853	41.752	ng	96
44) 2,4,5-Trichlorophenol	12.58	196	334211	41.908	ng	97
46) 1,1'-Biphenyl	12.92	154	1046869	41.876	ng	99
47) 2-Chloronaphthalene	12.95	162	850336	41.876	ng	100
48) 2-Nitroaniline	13.17	65	340832	42.352	ng	98
49) Acenaphthylene	13.81	152	1369588	42.170	ng	100
50) Dimethylphthalate	13.57	163	1101276	42.225	ng	100
51) 2,6-Dinitrotoluene	13.68	165	241775	42.245	ng	94
52) Acenaphthene	14.16	154	826526	42.391	ng	99
53) 3-Nitroaniline	14.01	138	269993	42.365	ng	97
54) 2,4-Dinitrophenol	14.22	184	146229	42.040	ng	95
55) Dibenzofuran	14.50	168	1342169	42.724	ng	99
56) 4-Nitrophenol	14.34	139	218594	43.252	ng	95
57) 2,4-Dinitrotoluene	14.48	165	347118	43.621	ng	100
58) Fluorene	15.15	166	1097722	43.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	296372	43.449	ng	99
60) Diethylphthalate	14.95	149	1149913	43.286	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	583576	43.117	ng	98
62) 4-Nitroaniline	15.19	138	301562	44.370	ng	98
63) Azobenzene	15.44	77	1262508	43.436	ng	99
65) 4,6-Dinitro-2-methylphenol	15.24	198	203944	41.202	ng	98
66) n-Nitrosodiphenylamine	15.37	169	967721	41.038	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	369024	41.182	ng	98
68) Hexachlorobenzene	16.16	284	390249	41.736	ng	98
69) Atrazine	16.34	200	319934	45.414	ng	99
70) Pentachlorophenol	16.50	266	239468	42.528	ng	99
71) Phenanthrene	16.89	178	1791701	42.268	ng	99
72) Anthracene	16.97	178	1802388	42.604	ng	100
73) Carbazole	17.25	167	1728362	43.081	ng	100
74) Di-n-butylphthalate	17.84	149	2032365	42.956	ng	100
75) Fluoranthene	18.91	202	2171313	44.679	ng	100
77) Benzidine	19.11	184	753841	40.736	ng	99
78) Pyrene	19.27	202	2276450	38.672	ng	100
80) Butylbenzylphthalate	20.21	149	944224	39.666	ng	96
81) Benzo(a)anthracene	21.03	228	2239113	41.871	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	725650	43.860	ng	100
83) Chrysene	21.09	228	2164776	42.480	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1408200	41.489	ng	100
85) Di-n-octyl phthalate	21.84	149	2318058	44.272	ng	99
87) Indeno(1,2,3-cd)pyrene	25.21	276	1917315	40.480	ng	100
88) Benzo(b)fluoranthene	22.53	252	2112099	42.881	ng	99
89) Benzo(k)fluoranthene	22.57	252	2032134	42.467	ng	99
90) Benzo(a)pyrene	23.06	252	1877813	42.925	ng	99
91) Dibenzo(a,h)anthracene	25.22	278	1610854	40.738	ng	99
92) Benzo(g,h,i)perylene	25.83	276	1491230	39.631	ng	99

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

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