Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027168.D
Acq On : 21 Aug 2020 13:10
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
8/24/2020 1:48:35 PM

Quant Time: Aug 21 14:35:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 13:56:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	89723	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	346048	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	201147	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	501499	20.00	ng		0.00
76) Chrysene-d12	21.20	240	623304	20.00	ng		0.00
86) Perylene-d12	23.39	264	659677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	475052	87.46	ng		0.00
7) Phenol-d6	6.80	99	669847	79.30	ng		0.00
23) Nitrobenzene-d5	8.76	82	778106	95.32	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	353583	121.67	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1715931	113.03	ng		0.00
79) Terphenyl-d14	19.64	244	3221040	98.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	101259	39.071	ng		95
3) Pyridine	3.59	79	308035m	41.105	ng		
4) n-Nitrosodimethylamine	3.50	42	125440	29.430	ng		89
6) Aniline	6.95	93	370165	35.577	ng		96
8) 2-Chlorophenol	7.19	128	246468	38.995	ng		98
9) Benzaldehyde	6.76	77	214532	46.487	ng		99
10) Phenol	6.82	94	309348	36.984	ng		97
11) bis(2-Chloroethyl)ether	7.05	93	256153	36.913	ng		94
12) 1,3-Dichlorobenzene	7.50	146	318842	45.961	ng		99
13) 1,4-Dichlorobenzene	7.65	146	324239	45.894	ng		99
14) 1,2-Dichlorobenzene	7.96	146	307630	43.949	ng		98
15) Benzyl Alcohol	7.85	79	289676	40.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	206636	14.504	ng		94
17) 2-Methylphenol	8.06	107	210875	33.650	ng		96
18) Hexachloroethane	8.69	117	129042	46.211	ng		95
19) n-Nitroso-di-n-propylamine	8.42	70	250684	36.102	ng		99
20) 3+4-Methylphenols	8.39	107	291104	33.464	ng		97
22) Acetophenone	8.43	105	440604	44.660	ng	#	97
24) Nitrobenzene	8.80	77	385315	45.375	ng		97
25) Isophorone	9.33	82	595776	38.415	ng		99
26) 2-Nitrophenol	9.50	139	133628	41.614	ng		95
27) 2,4-Dimethylphenol	9.57	122	195439	38.250	ng		99
28) bis(2-Chloroethoxy)methane	9.81	93	363643	42.534	ng		100
29) 2,4-Dichlorophenol	10.04	162	278286	49.359	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	339197	53.720	ng		99
31) Naphthalene	10.43	128	827063	42.906	ng		99
32) Benzoic acid	9.72	122	162126	41.051	ng		99
33) 4-Chloroaniline	10.55	127	357787	42.674	ng		99
34) Hexachlorobutadiene	10.73	225	237123	56.615	ng		97
35) Caprolactam	11.32	113	84556	42.799	ng		97
36) 4-Chloro-3-methylphenol	11.68	107	294057	41.778	ng		97
37) 2-Methylnaphthalene	12.06	142	633477	44.705	ng		99
38) 1-Methylnaphthalene	12.27	142	605136	44.722	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	396338	60.260	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	224045	70.148	ng		96
43) 2,4,6-Trichlorophenol	12.67	196	252885	58.699	ng		98
44) 2,4,5-Trichlorophenol	12.74	196	265751	52.926	ng		97
46) 1,1'-Biphenyl	13.08	154	850175	53.037	ng		100
47) 2-Chloronaphthalene	13.12	162	727432	56.493	ng		98
48) 2-Nitroaniline	13.32	65	247853	47.147	ng		98
49) Acenaphthylene	13.97	152	885765	43.073	ng		100
50) Dimethylphthalate	13.72	163	839394	49.311	ng		99
51) 2,6-Dinitrotoluene	13.83	165	173740	47.276	ng		97
52) Acenaphthene	14.32	154	542573	43.498	ng		99
53) 3-Nitroaniline	14.15	138	159801	41.622	ng		99
54) 2,4-Dinitrophenol	14.36	184	92496	41.897	ng		95
55) Dibenzofuran	14.65	168	909278	44.730	ng		98
56) 4-Nitrophenol	14.47	139	128621	43.165	ng		95
57) 2,4-Dinitrotoluene	14.62	165	232559	44.522	ng	#	92
58) Fluorene	15.30	166	770575	45.918	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	244310	56.004	ng		93
60) Diethylphthalate	15.09	149	784774	43.787	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	458955	50.399	ng		96
62) 4-Nitroaniline	15.32	138	183828	47.415	ng		98
63) Azobenzene	15.60	77	771161	39.250	ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	127094	36.270	ng		98
66) n-Nitrosodiphenylamine	15.52	169	668934	41.404	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	302742	48.403	ng		95
68) Hexachlorobenzene	16.32	284	354894	54.190	ng		95
69) Atrazine	16.47	200	268354	55.891	ng		99
70) Pentachlorophenol	16.65	266	207559	54.819	ng		98
71) Phenanthrene	17.04	178	1335212	45.038	ng		100
72) Anthracene	17.13	178	1292283	43.765	ng		98
73) Carbazole	17.40	167	1175451	42.156	ng		99
74) Di-n-butylphthalate	17.98	149	1387792	39.795	ng		100
75) Fluoranthene	19.06	202	1746540	48.736	ng		99
77) Benzidine	19.25	184	519699	45.129	ng		99
78) Pyrene	19.43	202	1813018	44.505	ng		100
80) Butylbenzylphthalate	20.34	149	664670	36.976	ng		95
81) Benzo(a)anthracene	21.18	228	1930785	45.959	ng		100
82) 3,3'-Dichlorobenzidine	21.12	252	711272	54.260	ng		99
83) Chrysene	21.23	228	1853267	45.667	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	934899	33.528	ng		97
85) Di-n-octyl phthalate	22.00	149	1561924	33.707	ng		98
87) Indeno(1,2,3-cd)pyrene	25.57	276	2365471	53.995	ng		99
88) Benzo(b)fluoranthene	22.73	252	2213537	49.329	ng		99
89) Benzo(k)fluoranthene	22.78	252	2106379	47.911	ng		100
90) Benzo(a)pyrene	23.29	252	1986338	49.114	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	1958438	52.905	ng		98
92) Benzo(g,h,i)perylene	26.24	276	1864084	54.682	ng		99

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

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