Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020188.D
Acq On : 08 May 2019 06:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:39 PM

Quant Time: May 08 07:45:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	170380	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	623091	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	365885	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	851659	20.00	ng		0.00
76) Chrysene-d12	21.37	240	910903	20.00	ng		0.00
87) Perylene-d12	23.66	264	1082274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	783254	75.14	ng		0.00
7) Phenol-d6	6.96	99	1072257	75.30	ng		0.01
23) Nitrobenzene-d5	8.96	82	1186347	75.17	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	463665	81.64	ng		0.01
45) 2-Fluorobiphenyl	13.05	172	2328829	78.31	ng		0.00
79) Terphenyl-d14	19.81	244	3909854	74.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	174623	34.158	ng	#	91
3) Pyridine	3.70	79	491630	37.602	ng		96
4) n-Nitrosodimethylamine	3.62	42	148272	35.365	ng	#	75
6) Aniline	7.13	93	675638	37.692	ng		99
8) 2-Chlorophenol	7.36	128	436799	38.486	ng		96
9) Benzaldehyde	6.95	77	381117	35.362	ng		94
10) Phenol	6.99	94	572395	37.339	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	425522	38.191	ng		96
12) 1,3-Dichlorobenzene	7.68	146	499691	37.841	ng		97
13) 1,4-Dichlorobenzene	7.83	146	500193	37.497	ng		94
14) 1,2-Dichlorobenzene	8.14	146	482198	37.942	ng		98
15) Benzyl Alcohol	8.03	79	467015	34.012	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	307287	33.260	ng		98
17) 2-Methylphenol	8.23	107	365550	37.043	ng		92
18) Hexachloroethane	8.86	117	125390	22.544	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	408941	33.567	ng		95
20) 3+4-Methylphenols	8.56	107	480370	36.627	ng		96
22) Acetophenone	8.62	105	639302	37.542	ng	#	96
24) Nitrobenzene	9.00	77	602806	36.838	ng		96
25) Isophorone	9.52	82	1009973	37.109	ng		98
26) 2-Nitrophenol	9.70	139	166238	33.650	ng		93
27) 2,4-Dimethylphenol	9.76	122	321353	39.072	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	567496	38.285	ng		99
29) 2,4-Dichlorophenol	10.23	162	419443	40.444	ng		97
30) 1,2,4-Trichlorobenzene	10.45	180	502846	39.404	ng		96
31) Naphthalene	10.64	128	1272654	39.359	ng		99
32) Benzoic acid	9.91	122	232682	40.896	ng		93
33) 4-Chloroaniline	10.75	127	505843	38.009	ng		98
34) Hexachlorobutadiene	10.90	225	349990	38.770	ng		97
35) Caprolactam	11.57	113	126155m	40.681	ng		
36) 4-Chloro-3-methylphenol	11.87	107	453653	37.223	ng		96
37) 2-Methylnaphthalene	12.25	142	908227	38.528	ng		97
38) 1-Methylnaphthalene	12.47	142	875998	38.002	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	578486	40.412	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	12492	1.482	ng		92
43) 2,4,6-Trichlorophenol	12.86	196	347540	42.719	ng		97
44) 2,4,5-Trichlorophenol	12.94	196	373404	41.085	ng		97
46) 1,1'-Biphenyl	13.27	154	1172974	38.949	ng		98
47) 2-Chloronaphthalene	13.31	162	945617	39.327	ng		99
48) 2-Nitroaniline	13.53	65	363245	42.433	ng		89
49) Acenaphthylene	14.16	152	1485111	38.593	ng		98
50) Dimethylphthalate	13.89	163	1149148	36.953	ng		100
51) 2,6-Dinitrotoluene	14.02	165	214123	32.692	ng		93
52) Acenaphthene	14.50	154	846961	38.380	ng		99
53) 3-Nitroaniline	14.36	138	267832	44.059	ng		99
54) 2,4-Dinitrophenol	14.56	184	6347	10.201	ng		89
55) Dibenzofuran	14.83	168	1397656	37.548	ng		97
56) 4-Nitrophenol	14.66	139	180165	34.736	ng		89
57) 2,4-Dinitrotoluene	14.81	165	275355	30.939	ng		93
58) Fluorene	15.49	166	1140200	37.298	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	348505	40.351	ng		95
60) Diethylphthalate	15.26	149	1117781	35.677	ng		99
61) 4-Chlorophenyl-phenylether	15.48	204	642355	37.085	ng		94
62) 4-Nitroaniline	15.52	138	292483	43.598	ng		91
63) Azobenzene	15.77	77	1230102	33.281	ng		96
65) 4,6-Dinitro-2-methylphenol	15.57	198	13008	9.737	ng		96
66) n-Nitrosodiphenylamine	15.70	169	977643	39.011	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	408950	39.158	ng		95
68) Hexachlorobenzene	16.48	284	470958	39.188	ng		95
69) Atrazine	16.65	200	356047	36.355	ng		98
70) Pentachlorophenol	16.83	266	289015	42.032	ng		97
71) Phenanthrene	17.23	178	1826839	38.859	ng		100
72) Anthracene	17.32	178	1831769	38.971	ng		100
73) Carbazole	17.59	167	1630149	38.436	ng		99
74) Di-n-butylphthalate	18.14	149	1897790	37.182	ng		98
75) Fluoranthene	19.25	202	2305606	38.761	ng		99
77) Benzidine	19.44	184	1214153	41.692	ng		99
78) Pyrene	19.61	202	2372821	38.799	ng		99
80) Butylbenzylphthalate	20.50	149	891087	40.067	ng		99
81) Benzo(a)anthracene	21.35	228	2469277	38.654	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1021436	41.894	ng		99
83) Chrysene	21.40	228	2395434	38.665	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1293963	37.495	ng		98
85) Di-n-octyl phthalate	22.16	149	2302927	40.150	ng		97
86) Indeno(1,2,3-cd)pyrene	26.00	276	3107328	42.166	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	2659436	37.212	ng		99
89) Benzo(k)fluoranthene	23.02	252	2372706	36.396	ng		99
90) Benzo(a)pyrene	23.56	252	2465289	37.977	ng		99
91) Dibenzo(a,h)anthracene	26.02	278	2615302	38.740	ng		100
92) Benzo(g,h,i)perylene	26.73	276	2510428m	39.168	ng		

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

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