Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015784.D
Acq On : 06 Jul 2018 03:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:51 PM

Quant Time: Jul 06 07:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	124770	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	566072	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	329253	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	725378	20.00	ng		0.00
75) Chrysene-d12	21.77	240	693153	20.00	ng		0.00
86) Perylene-d12	24.17	264	532708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	566231	77.83	ng		0.00
7) Phenol-d6	7.46	99	798499	80.17	ng		0.00
23) Nitrobenzene-d5	9.50	82	927748	79.97	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	362994	84.38	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2130198	80.32	ng		0.00
78) Terphenyl-d14	20.22	244	3345187	89.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	109152	36.276	ng	#	100
3) Pyridine	4.01	79	290482	36.585	ng	#	77
4) n-Nitrosodimethylamine	3.92	42	241023	38.985	ng	#	43
6) Aniline	7.63	93	473552	39.217	ng		93
8) 2-Chlorophenol	7.87	128	345740	39.596	ng		96
9) Benzaldehyde	7.45	77	264087	42.068	ng		92
10) Phenol	7.49	94	394623	39.431	ng		92
11) bis(2-Chloroethyl)ether	7.73	93	317623	39.014	ng		89
12) 1,3-Dichlorobenzene	8.20	146	378135	39.059	ng	#	90
13) 1,4-Dichlorobenzene	8.35	146	390074	38.964	ng		95
14) 1,2-Dichlorobenzene	8.67	146	381273	39.379	ng		95
15) Benzyl Alcohol	8.56	79	348757	40.333	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.85	45	340993	38.352	ng		98
17) 2-Methylphenol	8.76	107	276101	39.821	ng	#	86
18) Hexachloroethane	9.40	117	158545	40.051	ng		92
19) n-Nitroso-di-n-propylamine	9.13	70	321630	40.180	ng	#	79
20) 3+4-Methylphenols	9.09	107	392126	40.715	ng		89
22) Acetophenone	9.16	105	585070	39.676	ng	#	89
24) Nitrobenzene	9.55	77	445219	39.422	ng		98
25) Isophorone	10.06	82	711170	40.160	ng	#	94
26) 2-Nitrophenol	10.26	139	192833	39.653	ng	#	65
27) 2,4-Dimethylphenol	10.30	122	291310	39.431	ng	#	84
28) bis(2-Chloroethoxy)methane	10.54	93	454768	39.418	ng		99
29) 2,4-Dichlorophenol	10.79	162	339007	41.432	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	382539	40.252	ng		98
31) Naphthalene	11.19	128	1151492	39.235	ng		99
32) Benzoic acid	10.49	122	236580m	36.170	ng		
33) 4-Chloroaniline	11.30	127	484161	40.462	ng	#	89
34) Hexachlorobutadiene	11.45	225	256827	40.493	ng		99
35) Caprolactam	12.13	113	107673	39.680	ng		88
36) 4-Chloro-3-methylphenol	12.41	107	385847	41.098	ng		87
37) 2-Methylnaphthalene	12.78	142	835814	40.034	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	428073	40.508	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	171189	40.056	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	279268	41.807	ng		99
43) 2,4,5-Trichlorophenol	13.46	196	293056	40.612	ng	#	86
45) 1,1'-Biphenyl	13.77	154	1128760	39.651	ng		99
46) 2-Chloronaphthalene	13.82	162	851367	40.000	ng	#	92
47) 2-Nitroaniline	14.03	65	297369	40.064	ng		82
48) Acenaphthylene	14.66	152	1395055	40.291	ng		99
49) Dimethylphthalate	14.39	163	1146892	39.496	ng		100
50) 2,6-Dinitrotoluene	14.52	165	234118	41.351	ng	#	77
51) Acenaphthene	15.00	154	859015	39.870	ng		97
52) 3-Nitroaniline	14.85	138	245910	39.682	ng	#	79
53) 2,4-Dinitrophenol	15.06	184	91559	36.487	ng	#	88
54) Dibenzofuran	15.33	168	1315064	39.611	ng	#	87
55) 4-Nitrophenol	15.15	139	178494	39.027	ng	#	72
56) 2,4-Dinitrotoluene	15.30	165	328358	40.171	ng		94
57) Fluorene	15.97	166	1109622	40.531	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	249726	41.012	ng	#	100
59) Diethylphthalate	15.73	149	1252801	40.260	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	569557	40.430	ng	#	90
61) 4-Nitroaniline	16.01	138	240167	37.358	ng	#	37
62) Azobenzene	16.25	77	1197657	41.059	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	172875	39.203	ng		87
65) n-Nitrosodiphenylamine	16.17	169	996309	40.084	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	333039	41.121	ng	#	82
67) Hexachlorobenzene	16.96	284	367121	40.565	ng	#	79
68) Atrazine	17.10	200	330098	40.376	ng		99
69) Pentachlorophenol	17.31	266	220462	39.368	ng		98
70) Phenanthrene	17.70	178	1640405	39.528	ng		98
71) Anthracene	17.79	178	1647955	40.436	ng		98
72) Carbazole	18.06	167	1518330	39.980	ng		98
73) Di-n-butylphthalate	18.57	149	2098244	40.991	ng	#	98
74) Fluoranthene	19.68	202	1860697	39.002	ng		99
76) Benzidine	19.86	184	844219	41.569	ng		98
77) Pyrene	20.04	202	1913538	44.318	ng		99
79) Butylbenzylphthalate	20.89	149	915834	43.879	ng	#	87
80) Benzo(a)anthracene	21.75	228	1751517	39.855	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	616092	39.017	ng		99
82) Chrysene	21.80	228	1588316	38.797	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1258668	40.814	ng		96
84) Di-n-octyl phthalate	22.55	149	1873078	37.249	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1329664	34.958	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1430355	40.217	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1394897	40.374	ng		98
89) Benzo(a)pyrene	24.07	252	1248775	39.887	ng		100
90) Dibenzo(a,h)anthracene	26.65	278	1149207	40.798	ng		97
91) Benzo(g,h,i)perylene	27.42	276	1039139	41.986	ng	#	95

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

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