Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015824.D
Acq On : 07 Jul 2018 04:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/9/2018 1:56:01 PM

Quant Time: Jul 07 06:35:02 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	8.30	152	133226	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	644725	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	400378	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	935010	20.00	ng		0.00
75) Chrysene-d12	21.77	240	1111991	20.00	ng		0.00
86) Perylene-d12	24.16	264	972850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	611316	78.69	ng		-0.01
7) Phenol-d6	7.46	99	883330	83.06	ng		0.00
23) Nitrobenzene-d5	9.50	82	1064013	80.52	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	469922	89.83	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2544460	78.90	ng		0.00
78) Terphenyl-d14	20.22	244	4864966	81.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	113831	35.430	ng	#	100
3) Pyridine	4.00	79	318753	37.597	ng	#	77
4) n-Nitrosodimethylamine	3.92	42	268060	40.606	ng	#	42
6) Aniline	7.63	93	526546	40.837	ng		90
8) 2-Chlorophenol	7.86	128	377480	40.487	ng		96
9) Benzaldehyde	7.44	77	287613	42.908	ng		90
10) Phenol	7.49	94	437940	40.982	ng		93
11) bis(2-Chloroethyl)ether	7.72	93	343900	39.561	ng		89
12) 1,3-Dichlorobenzene	8.19	146	407378	39.409	ng	#	92
13) 1,4-Dichlorobenzene	8.34	146	420931	39.377	ng	#	94
14) 1,2-Dichlorobenzene	8.66	146	414707	40.114	ng	#	95
15) Benzyl Alcohol	8.56	79	393490	42.618	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	446317m	47.012	ng		
17) 2-Methylphenol	8.75	107	312359	42.191	ng	#	87
18) Hexachloroethane	9.39	117	174997	41.401	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	369195	43.195	ng	#	79
20) 3+4-Methylphenols	9.09	107	444092	43.184	ng		89
22) Acetophenone	9.15	105	666393	39.677	ng	#	88
24) Nitrobenzene	9.54	77	508333	39.520	ng		98
25) Isophorone	10.06	82	828525	41.080	ng	#	94
26) 2-Nitrophenol	10.25	139	219703	39.666	ng	#	57
27) 2,4-Dimethylphenol	10.30	122	329285	39.134	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	516275	39.290	ng		98
29) 2,4-Dichlorophenol	10.79	162	389846	41.833	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	426647	39.417	ng		96
31) Naphthalene	11.19	128	1324567	39.626	ng		100
32) Benzoic acid	10.50	122	263396m	35.357	ng		
33) 4-Chloroaniline	11.30	127	566798	41.590	ng	#	88
34) Hexachlorobutadiene	11.45	225	284259	39.351	ng		97
35) Caprolactam	12.13	113	136071m	44.027	ng		
36) 4-Chloro-3-methylphenol	12.41	107	463728	43.368	ng		89
37) 2-Methylnaphthalene	12.77	142	981724	41.286	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	497862	38.743	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	193316	37.874	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	334755	41.211	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	353452	40.281	ng	#	86
45) 1,1'-Biphenyl	13.77	154	1344633	38.844	ng		99
46) 2-Chloronaphthalene	13.82	162	1010709	39.051	ng	#	92
47) 2-Nitroaniline	14.03	65	371691	41.181	ng	#	79
48) Acenaphthylene	14.66	152	1697761	40.323	ng		99
49) Dimethylphthalate	14.39	163	1412632	40.006	ng		100
50) 2,6-Dinitrotoluene	14.52	165	285180	41.422	ng	#	68
51) Acenaphthene	14.99	154	1046767	39.954	ng		97
52) 3-Nitroaniline	14.85	138	312153	41.423	ng	#	79
53) 2,4-Dinitrophenol	15.06	184	126367	40.468	ng	#	87
54) Dibenzofuran	15.33	168	1626321	40.284	ng	#	87
55) 4-Nitrophenol	15.14	139	235227	42.295	ng	#	74
56) 2,4-Dinitrotoluene	15.30	165	419920	42.247	ng		93
57) Fluorene	15.97	166	1385987	41.632	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	315669	42.632	ng	#	100
59) Diethylphthalate	15.72	149	1569496	41.478	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	705457	41.181	ng	#	89
61) 4-Nitroaniline	16.01	138	318630	40.758	ng	#	38
62) Azobenzene	16.24	77	1504898	42.427	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	230025	40.468	ng		85
65) n-Nitrosodiphenylamine	16.17	169	1259951	39.326	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	421703	40.394	ng	#	84
67) Hexachlorobenzene	16.96	284	471772	40.441	ng	#	82
68) Atrazine	17.10	200	419810	39.837	ng		99
69) Pentachlorophenol	17.30	266	295893	40.991	ng		98
70) Phenanthrene	17.70	178	2132339	39.862	ng		99
71) Anthracene	17.79	178	2146219	40.855	ng		99
72) Carbazole	18.06	167	2013390	41.129	ng		98
73) Di-n-butylphthalate	18.57	149	2797838	42.404	ng	#	98
74) Fluoranthene	19.68	202	2568131	41.761	ng		99
76) Benzidine	19.85	184	1192672	36.607	ng		98
77) Pyrene	20.04	202	2699369	38.970	ng		99
79) Butylbenzylphthalate	20.89	149	1375395	41.077	ng		88
80) Benzo(a)anthracene	21.75	228	2783062	39.474	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	1013616	40.014	ng		99
82) Chrysene	21.80	228	2541663	38.699	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	2035691	41.147	ng		96
84) Di-n-octyl phthalate	22.55	149	3416855	42.356	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.66	276	2364052	38.743	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	2597054	39.984	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	2496847	39.573	ng		98
89) Benzo(a)pyrene	24.07	252	2287265	40.004	ng		100
90) Dibenzo(a,h)anthracene	26.65	278	2091995	40.667	ng		97
91) Benzo(g,h,i)perylene	27.41	276	1754172	38.810	ng	#	93

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

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