Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015485.D
Acq On : 06 Jun 2018 12:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 06 13:58:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 06 13:48:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	174520	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	741854	20.00	ng		0.00
38) Acenaphthene-d10	14.97	164	392494	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	831134	20.00	ng		0.00
75) Chrysene-d12	21.80	240	856779	20.00	ng		0.00
86) Perylene-d12	24.23	264	882853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	818183	79.75	ng		0.00
7) Phenol-d6	7.50	99	1124520	72.52	ng		0.00
23) Nitrobenzene-d5	9.55	82	1093915	80.21	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	409978	72.69	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	2361736	80.79	ng		0.00
78) Terphenyl-d14	20.26	244	2987619	80.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	154436	40.361	ng	#	100
3) Pyridine	4.04	79	399323	35.897	ng	#	82
4) n-Nitrosodimethylamine	3.95	42	269456	43.294	ng	#	58
6) Aniline	7.67	93	613882	31.206	ng		95
8) 2-Chlorophenol	7.92	128	475180	37.383	ng		96
9) Benzaldehyde	7.49	77	329142	33.345	ng		94
10) Phenol	7.53	94	565825	35.974	ng		82
11) bis(2-Chloroethyl)ether	7.77	93	438230	35.686	ng		90
12) 1,3-Dichlorobenzene	8.25	146	521812	38.404	ng	#	96
13) 1,4-Dichlorobenzene	8.39	146	529688	38.199	ng		96
14) 1,2-Dichlorobenzene	8.72	146	507055	37.420	ng		95
15) Benzyl Alcohol	8.60	79	430221	34.664	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.89	45	703449	34.468	ng		95
17) 2-Methylphenol	8.80	107	381987	34.521	ng	#	92
18) Hexachloroethane	9.45	117	198248	38.816	ng		93
19) n-Nitroso-di-n-propylamine	9.17	70	379244	32.344	ng	#	86
20) 3+4-Methylphenols	9.13	107	518178	33.862	ng		93
22) Acetophenone	9.20	105	694749	38.071	ng	#	92
24) Nitrobenzene	9.59	77	562831	39.364	ng		100
25) Isophorone	10.11	82	974226	35.453	ng		95
26) 2-Nitrophenol	10.30	139	254638	39.492	ng	#	77
27) 2,4-Dimethylphenol	10.35	122	450518	37.238	ng		89
28) bis(2-Chloroethoxy)methane	10.58	93	585993	36.278	ng		99
29) 2,4-Dichlorophenol	10.83	162	428890	38.036	ng		97
30) 1,2,4-Trichlorobenzene	11.05	180	473435	39.092	ng		98
31) Naphthalene	11.25	128	1460837	37.995	ng		99
32) Benzoic acid	10.50	122	276275	32.208	ng		94
33) 4-Chloroaniline	11.35	127	556938	32.645	ng	#	90
34) Hexachlorobutadiene	11.50	225	283784	40.328	ng		95
35) Caprolactam	12.15	113	134204	31.042	ng		91
36) 4-Chloro-3-methylphenol	12.45	107	447397	33.374	ng		91
37) 2-Methylnaphthalene	12.83	142	997745	34.528	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	494850	40.892	ng	#	100
40) Hexachlorocyclopentadiene	13.16	237	283657	44.338	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	328622	40.079	ng		99
43) 2,4,5-Trichlorophenol	13.50	196	348261	38.688	ng	#	90
45) 1,1'-Biphenyl	13.82	154	1281260	39.495	ng		98
46) 2-Chloronaphthalene	13.87	162	997816	40.118	ng		94
47) 2-Nitroaniline	14.07	65	323388	39.342	ng		86
48) Acenaphthylene	14.70	152	1549296	38.847	ng		100
49) Dimethylphthalate	14.43	163	1230860	36.523	ng		99
50) 2,6-Dinitrotoluene	14.56	165	267746	37.367	ng		89
51) Acenaphthene	15.04	154	927794	38.140	ng		99
52) 3-Nitroaniline	14.89	138	293542	38.576	ng	#	81
53) 2,4-Dinitrophenol	15.10	184	172172	40.982	ng		93
54) Dibenzofuran	15.37	168	1466869	37.462	ng		93
55) 4-Nitrophenol	15.18	139	246345	36.654	ng	#	55
56) 2,4-Dinitrotoluene	15.34	165	368598	37.030	ng	#	82
57) Fluorene	16.02	166	1185097	36.787	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.59	232	300611	36.099	ng	#	100
59) Diethylphthalate	15.77	149	1250811	35.958	ng		98
60) 4-Chlorophenyl-phenylether	15.99	204	589583	36.822	ng		93
61) 4-Nitroaniline	16.04	138	302042	35.844	ng	#	62
62) Azobenzene	16.29	77	1240893	38.293	ng		88
64) 4,6-Dinitro-2-methylphenol	16.10	198	189119	39.501	ng		90
65) n-Nitrosodiphenylamine	16.21	169	1025167	39.943	ng		99
66) 4-Bromophenyl-phenylether	16.88	248	348114	39.115	ng	#	86
67) Hexachlorobenzene	17.01	284	399255	39.013	ng	#	87
68) Atrazine	17.14	200	336278	37.627	ng		97
69) Pentachlorophenol	17.34	266	266148	44.277	ng		97
70) Phenanthrene	17.74	178	1789116	38.160	ng		99
71) Anthracene	17.83	178	1836361	38.246	ng		99
72) Carbazole	18.10	167	1671369	37.568	ng		100
73) Di-n-butylphthalate	18.62	149	2065663	37.093	ng		99
74) Fluoranthene	19.72	202	2039109	36.154	ng		97
76) Benzidine	19.89	184	911789	31.264	ng		99
77) Pyrene	20.07	202	2060652	39.793	ng		100
79) Butylbenzylphthalate	20.92	149	966375	38.797	ng		91
80) Benzo(a)anthracene	21.79	228	2081617	38.160	ng		100
81) 3,3'-Dichlorobenzidine	21.71	252	818551	38.121	ng		100
82) Chrysene	21.84	228	1930377	38.155	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	1381496	37.484	ng		98
84) Di-n-octyl phthalate	22.60	149	2347362	36.516	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.74	276	2404524	34.910	ng	#	91
87) Benzo(b)fluoranthene	23.49	252	2147447	40.063	ng		97
88) Benzo(k)fluoranthene	23.54	252	1954898	38.324	ng		99
89) Benzo(a)pyrene	24.12	252	1999564	38.597	ng	#	98
90) Dibenzo(a,h)anthracene	26.74	278	2058352	38.243	ng		99
91) Benzo(g,h,i)perylene	27.51	276	1979312	37.926	ng		97

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

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