Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015505.D
Acq On : 07 Jun 2018 01:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 07 02:07:26 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 14:01:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	196241	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	833247	20.00	ng		0.00
38) Acenaphthene-d10	14.97	164	441524	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	940084	20.00	ng		0.00
75) Chrysene-d12	21.80	240	1007012	20.00	ng		0.00
86) Perylene-d12	24.22	264	1037933	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	941679	81.62	ng		0.00
7) Phenol-d6	7.50	99	1283841	73.63	ng		0.00
23) Nitrobenzene-d5	9.55	82	1233038	80.49	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	462428	72.88	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	2656482	80.78	ng		0.00
78) Terphenyl-d14	20.25	244	3455892	79.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	178365	41.455	ng	#	100
3) Pyridine	4.03	79	463730	37.073	ng	#	84
4) n-Nitrosodimethylamine	3.94	42	307820	43.984	ng	#	61
6) Aniline	7.68	93	706422	31.935	ng		96
8) 2-Chlorophenol	7.91	128	546307	38.221	ng		96
9) Benzaldehyde	7.48	77	376792	33.947	ng		93
10) Phenol	7.53	94	644264	36.427	ng		83
11) bis(2-Chloroethyl)ether	7.76	93	490799	35.543	ng		89
12) 1,3-Dichlorobenzene	8.24	146	595042	38.946	ng	#	94
13) 1,4-Dichlorobenzene	8.39	146	611046	39.189	ng		96
14) 1,2-Dichlorobenzene	8.71	146	578434	37.963	ng		96
15) Benzyl Alcohol	8.60	79	482248	34.555	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.88	45	781382	34.049	ng		95
17) 2-Methylphenol	8.80	107	433016	34.801	ng	#	92
18) Hexachloroethane	9.45	117	227571	39.626	ng		91
19) n-Nitroso-di-n-propylamine	9.17	70	421046	31.935	ng	#	86
20) 3+4-Methylphenols	9.13	107	584519	33.970	ng		93
22) Acetophenone	9.19	105	776787	37.898	ng	#	92
24) Nitrobenzene	9.59	77	631407	39.317	ng		97
25) Isophorone	10.10	82	1075906	34.859	ng		95
26) 2-Nitrophenol	10.30	139	286279	39.530	ng	#	76
27) 2,4-Dimethylphenol	10.34	122	505440	37.196	ng		88
28) bis(2-Chloroethoxy)methane	10.58	93	649341	35.790	ng		98
29) 2,4-Dichlorophenol	10.83	162	480390	37.930	ng		96
30) 1,2,4-Trichlorobenzene	11.05	180	535420	39.361	ng		98
31) Naphthalene	11.24	128	1639153	37.957	ng		100
32) Benzoic acid	10.50	122	296855	30.811	ng		92
33) 4-Chloroaniline	11.35	127	626959	32.719	ng	#	90
34) Hexachlorobutadiene	11.50	225	318651	40.316	ng		97
35) Caprolactam	12.15	113	150148	30.921	ng		90
36) 4-Chloro-3-methylphenol	12.45	107	516529	34.305	ng		91
37) 2-Methylnaphthalene	12.82	142	1157502	35.663	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	563693	41.409	ng	#	100
40) Hexachlorocyclopentadiene	13.15	237	331280	45.756	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	365807	39.660	ng		98
43) 2,4,5-Trichlorophenol	13.49	196	389452	38.459	ng	#	88
45) 1,1'-Biphenyl	13.81	154	1445338	39.606	ng		99
46) 2-Chloronaphthalene	13.86	162	1116243	39.895	ng	#	94
47) 2-Nitroaniline	14.07	65	361679	39.114	ng		86
48) Acenaphthylene	14.70	152	1729584	38.552	ng		100
49) Dimethylphthalate	14.42	163	1370579	36.153	ng		100
50) 2,6-Dinitrotoluene	14.55	165	298113	36.985	ng		88
51) Acenaphthene	15.04	154	1040850	38.036	ng		98
52) 3-Nitroaniline	14.89	138	331222	38.695	ng		84
53) 2,4-Dinitrophenol	15.09	184	191754	40.637	ng		95
54) Dibenzofuran	15.37	168	1639272	37.216	ng		93
55) 4-Nitrophenol	15.17	139	280397	37.088	ng	#	57
56) 2,4-Dinitrotoluene	15.33	165	413312	36.911	ng	#	84
57) Fluorene	16.01	166	1331389	36.739	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.59	232	338568	36.142	ng	#	100
59) Diethylphthalate	15.76	149	1380777	35.286	ng		98
60) 4-Chlorophenyl-phenylether	15.99	204	654552	36.340	ng		95
61) 4-Nitroaniline	16.04	138	345435	36.441	ng	#	65
62) Azobenzene	16.29	77	1381611	37.901	ng		90
64) 4,6-Dinitro-2-methylphenol	16.10	198	210821	38.931	ng		93
65) n-Nitrosodiphenylamine	16.20	169	1151021	39.649	ng		99
66) 4-Bromophenyl-phenylether	16.88	248	393682	39.109	ng	#	90
67) Hexachlorobenzene	17.00	284	451039	38.965	ng	#	89
68) Atrazine	17.14	200	379483	37.540	ng		99
69) Pentachlorophenol	17.35	266	369985	54.418	ng		99
70) Phenanthrene	17.74	178	2029513	38.271	ng		100
71) Anthracene	17.83	178	2085716	38.405	ng		99
72) Carbazole	18.09	167	1898625	37.730	ng		100
73) Di-n-butylphthalate	18.61	149	2308363	36.647	ng	#	99
74) Fluoranthene	19.72	202	2326475	36.468	ng		98
76) Benzidine	19.88	184	1046389	30.527	ng		99
77) Pyrene	20.07	202	2373150	38.991	ng		100
79) Butylbenzylphthalate	20.92	149	1090464	37.248	ng		89
80) Benzo(a)anthracene	21.78	228	2420468	37.752	ng		99
81) 3,3'-Dichlorobenzidine	21.70	252	960746	38.068	ng		99
82) Chrysene	21.84	228	2256286	37.944	ng		100
83) Bis(2-ethylhexyl)phthalate	21.66	149	1572340	36.298	ng		97
84) Di-n-octyl phthalate	22.59	149	2683445	35.516	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.73	276	2827683	34.929	ng	#	91
87) Benzo(b)fluoranthene	23.48	252	2427308	38.518	ng		98
88) Benzo(k)fluoranthene	23.53	252	2399852	40.018	ng		99
89) Benzo(a)pyrene	24.12	252	2345432	38.509	ng	#	98
90) Dibenzo(a,h)anthracene	26.73	278	2403310	37.980	ng		99
91) Benzo(g,h,i)perylene	27.50	276	2301850	37.517	ng		96

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

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