Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016242.D
Acq On : 08 Aug 2018 06:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 08 07:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	77877	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	344067	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	197119	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	464761	20.00	ng		0.00
75) Chrysene-d12	21.64	240	594613	20.00	ng		0.00
86) Perylene-d12	23.98	264	466011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	381286	81.33	ng		0.00
7) Phenol-d6	7.31	99	541662	88.47	ng		0.00
23) Nitrobenzene-d5	9.33	82	637882	86.23	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	230417	92.16	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1419046	87.59	ng		0.00
78) Terphenyl-d14	20.09	244	2914650	102.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	68958	31.393	ng	#	100
3) Pyridine	3.88	79	201631	38.104	ng	#	73
4) n-Nitrosodimethylamine	3.80	42	165310	40.053	ng	#	35
6) Aniline	7.47	93	294222	41.737	ng		91
8) 2-Chlorophenol	7.70	128	232569	41.739	ng		96
9) Benzaldehyde	7.28	77	177784	41.329	ng		90
10) Phenol	7.33	94	262141	42.819	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	189372	39.155	ng		88
12) 1,3-Dichlorobenzene	8.02	146	251246	38.522	ng	#	88
13) 1,4-Dichlorobenzene	8.17	146	258150	39.027	ng	#	95
14) 1,2-Dichlorobenzene	8.49	146	257954	39.855	ng	#	95
15) Benzyl Alcohol	8.39	79	225703	46.297	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	274371	37.067	ng		98
17) 2-Methylphenol	8.59	107	179804	42.969	ng	#	81
18) Hexachloroethane	9.21	117	97121	33.967	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	189518	42.350	ng	#	72
20) 3+4-Methylphenols	8.93	107	252061	41.867	ng		88
22) Acetophenone	8.98	105	353138	40.761	ng	#	83
24) Nitrobenzene	9.37	77	299035	40.160	ng		96
25) Isophorone	9.89	82	426211	42.121	ng	#	93
26) 2-Nitrophenol	10.07	139	116310	37.418	ng	#	51
27) 2,4-Dimethylphenol	10.13	122	179559	41.463	ng	#	84
28) bis(2-Chloroethoxy)methane	10.36	93	251238	38.201	ng		97
29) 2,4-Dichlorophenol	10.61	162	222755	43.287	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	247493	39.583	ng		96
31) Naphthalene	11.00	128	675399	38.786	ng		99
32) Benzoic acid	10.32	122	107146	32.457	ng	#	84
33) 4-Chloroaniline	11.13	127	305525	42.995	ng	#	85
34) Hexachlorobutadiene	11.26	225	176761	40.757	ng		98
35) Caprolactam	11.98	113	68464	48.036	ng	#	84
36) 4-Chloro-3-methylphenol	12.25	107	255509	45.143	ng		88
37) 2-Methylnaphthalene	12.60	142	482692	41.380	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	273028	40.684	ng	#	100
40) Hexachlorocyclopentadiene	12.93	237	18586	12.774	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	184589	43.963	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	189588	43.776	ng	#	83
45) 1,1'-Biphenyl	13.61	154	707029	39.744	ng		98
46) 2-Chloronaphthalene	13.66	162	556766	40.240	ng	#	89
47) 2-Nitroaniline	13.88	65	208504	45.581	ng	#	77
48) Acenaphthylene	14.50	152	837770	41.360	ng		98
49) Dimethylphthalate	14.23	163	681053	39.479	ng		100
50) 2,6-Dinitrotoluene	14.37	165	141564	40.785	ng	#	60
51) Acenaphthene	14.84	154	496121	39.825	ng		95
52) 3-Nitroaniline	14.71	138	167148	44.584	ng	#	74
53) 2,4-Dinitrophenol	14.93	184	8507	11.390	ng	#	68
54) Dibenzofuran	15.17	168	862382	42.009	ng	#	83
55) 4-Nitrophenol	15.02	139	111361	41.436	ng		89
56) 2,4-Dinitrotoluene	15.16	165	217846	43.894	ng	#	79
57) Fluorene	15.82	166	673027	44.119	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	164065	44.073	ng	#	100
59) Diethylphthalate	15.59	149	762623	41.015	ng		96
60) 4-Chlorophenyl-phenylether	15.80	204	368928	43.444	ng	#	84
61) 4-Nitroaniline	15.87	138	172607	47.986	ng	#	4
62) Azobenzene	16.10	77	830653	42.419	ng	#	75
64) 4,6-Dinitro-2-methylphenol	15.93	198	18844	6.680	ng		86
65) n-Nitrosodiphenylamine	16.03	169	599929	39.201	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	211578	40.203	ng	#	79
67) Hexachlorobenzene	16.82	284	230670	39.802	ng	#	65
68) Atrazine	16.97	200	198072	36.112	ng		98
69) Pentachlorophenol	17.16	266	133266	37.135	ng		97
70) Phenanthrene	17.56	178	1041146	40.013	ng		99
71) Anthracene	17.64	178	1046032	41.363	ng		99
72) Carbazole	17.92	167	1100073	41.990	ng		97
73) Di-n-butylphthalate	18.44	149	1416191	43.381	ng	#	97
74) Fluoranthene	19.54	202	1319218	45.451	ng		99
76) Benzidine	19.73	184	670161	40.332	ng		98
77) Pyrene	19.90	202	1412971	39.653	ng		99
79) Butylbenzylphthalate	20.77	149	783409	43.278	ng	#	85
80) Benzo(a)anthracene	21.63	228	1466391	40.040	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	594759	40.319	ng		98
82) Chrysene	21.68	228	1365797	38.878	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	1183147	45.099	ng		94
84) Di-n-octyl phthalate	22.41	149	2024782	45.922	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.38	276	1237354	29.681	ng	#	95
87) Benzo(b)fluoranthene	23.27	252	1176144	42.866	ng	#	95
88) Benzo(k)fluoranthene	23.32	252	1181435	42.488	ng	#	98
89) Benzo(a)pyrene	23.89	252	1066565	40.436	ng		99
90) Dibenzo(a,h)anthracene	26.38	278	1068609	39.103	ng	#	94
91) Benzo(g,h,i)perylene	27.11	276	906922	35.088	ng	#	91

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

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