Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
Data File : BM016193.D
Acq On : 06 Aug 2018 16:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 07 13:13:12 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 13:02:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	29719	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	123030	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	66804	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	144945	20.00	ng		0.00
75) Chrysene-d12	21.66	240	171574	20.00	ng		0.00
86) Perylene-d12	24.01	264	170778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	146676	81.98	ng		0.00
7) Phenol-d6	7.33	99	185978	79.60	ng		0.00
23) Nitrobenzene-d5	9.36	82	228328	86.32	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	63060	74.43	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	455055	82.88	ng		0.00
78) Terphenyl-d14	20.12	244	673180	82.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	35016	41.773	ng	#	100
3) Pyridine	3.92	79	80372	39.801	ng	#	65
4) n-Nitrosodimethylamine	3.83	42	68870	43.726	ng	#	31
6) Aniline	7.50	93	106230	39.488	ng	#	86
8) 2-Chlorophenol	7.73	128	84802	39.882	ng		94
9) Benzaldehyde	7.32	77	63487	38.675	ng		90
10) Phenol	7.36	94	92573	39.624	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	69842	37.841	ng		89
12) 1,3-Dichlorobenzene	8.06	146	96038	38.586	ng	#	88
13) 1,4-Dichlorobenzene	8.21	146	96291	38.146	ng	#	93
14) 1,2-Dichlorobenzene	8.53	146	93939	38.033	ng	#	91
15) Benzyl Alcohol	8.43	79	70936	38.129	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.70	45	100807	35.687	ng		98
17) 2-Methylphenol	8.62	107	64167	40.183	ng	#	77
18) Hexachloroethane	9.25	117	43876	40.211	ng		99
19) n-Nitroso-di-n-propylamine	8.99	70	66810	39.122	ng	#	70
20) 3+4-Methylphenols	8.96	107	87214	37.960	ng		85
22) Acetophenone	9.02	105	125086	40.378	ng	#	83
24) Nitrobenzene	9.40	77	109274	41.041	ng		96
25) Isophorone	9.92	82	149755	41.390	ng	#	92
26) 2-Nitrophenol	10.12	139	45208	40.674	ng	#	52
27) 2,4-Dimethylphenol	10.16	122	61328	39.605	ng	#	83
28) bis(2-Chloroethoxy)methane	10.40	93	93497	39.758	ng	#	97
29) 2,4-Dichlorophenol	10.65	162	75411	40.983	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	86008	38.470	ng	#	95
31) Naphthalene	11.04	128	240875	38.684	ng		98
32) Benzoic acid	10.33	122	47674	40.387	ng	#	83
33) 4-Chloroaniline	11.16	127	102554	40.361	ng	#	86
34) Hexachlorobutadiene	11.30	225	62214	40.117	ng		96
35) Caprolactam	11.97	113	20937	41.082	ng	#	87
36) 4-Chloro-3-methylphenol	12.27	107	85180	42.088	ng		84
37) 2-Methylnaphthalene	12.64	142	163477	39.193	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	89947	39.549	ng	#	100
40) Hexachlorocyclopentadiene	12.96	237	38051	38.488	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	58301	40.972	ng		99
43) 2,4,5-Trichlorophenol	13.33	196	60074	40.929	ng	#	82
45) 1,1'-Biphenyl	13.64	154	235777	39.108	ng		99
46) 2-Chloronaphthalene	13.69	162	184290	39.302	ng	#	89
47) 2-Nitroaniline	13.91	65	64760	41.773	ng	#	78
48) Acenaphthylene	14.53	152	275201	40.090	ng		98
49) Dimethylphthalate	14.26	163	234281	40.073	ng		100
50) 2,6-Dinitrotoluene	14.40	165	47349	40.252	ng	#	55
51) Acenaphthene	14.87	154	165541	39.211	ng		99
52) 3-Nitroaniline	14.73	138	49445	38.916	ng	#	69
53) 2,4-Dinitrophenol	14.96	184	20396	43.410	ng	#	67
54) Dibenzofuran	15.20	168	271466	39.020	ng	#	77
55) 4-Nitrophenol	15.04	139	35265	38.718	ng		93
56) 2,4-Dinitrotoluene	15.19	165	67468	40.112	ng	#	79
57) Fluorene	15.84	166	206269	39.898	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	51384	40.729	ng	#	100
59) Diethylphthalate	15.60	149	259983	41.257	ng	#	93
60) 4-Chlorophenyl-phenylether	15.83	204	113333	39.379	ng	#	80
61) 4-Nitroaniline	15.89	138	47115	38.649	ng	#	1
62) Azobenzene	16.13	77	291718	43.957	ng	#	75
64) 4,6-Dinitro-2-methylphenol	15.95	198	37026	42.086	ng		86
65) n-Nitrosodiphenylamine	16.05	169	189449	39.693	ng		97
66) 4-Bromophenyl-phenylether	16.72	248	65196	39.723	ng	#	71
67) Hexachlorobenzene	16.84	284	69168	38.269	ng	#	60
68) Atrazine	16.99	200	68483	40.034	ng		97
69) Pentachlorophenol	17.19	266	41995	37.522	ng		95
70) Phenanthrene	17.58	178	314566	38.764	ng		99
71) Anthracene	17.67	178	314827	39.918	ng		97
72) Carbazole	17.94	167	325252	39.808	ng		96
73) Di-n-butylphthalate	18.47	149	446497	43.855	ng	#	96
74) Fluoranthene	19.57	202	366697	40.510	ng		99
76) Benzidine	19.75	184	193772	40.415	ng		98
77) Pyrene	19.93	202	389967	37.927	ng		99
79) Butylbenzylphthalate	20.79	149	214315	41.031	ng	#	72
80) Benzo(a)anthracene	21.65	228	405724	38.394	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	164554	38.660	ng		99
82) Chrysene	21.70	228	384796	37.960	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	320039	42.278	ng	#	91
84) Di-n-octyl phthalate	22.44	149	534638	42.023	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.42	276	459611	38.208	ng	#	95
87) Benzo(b)fluoranthene	23.30	252	393892	39.174	ng	#	95
88) Benzo(k)fluoranthene	23.35	252	386238	37.903	ng		97
89) Benzo(a)pyrene	23.91	252	376813	38.982	ng		100
90) Dibenzo(a,h)anthracene	26.41	278	392152	39.157	ng	#	95
91) Benzo(g,h,i)perylene	27.15	276	359887	37.994	ng	#	93

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

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