Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016394.D
Acq On : 16 Aug 2018 00:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 16 01:13:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	21911	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	90823	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	51045	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	106932	20.00	ng		0.00
75) Chrysene-d12	21.62	240	122001	20.00	ng		0.00
86) Perylene-d12	23.94	264	120074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	106992	81.11	ng		0.00
7) Phenol-d6	7.28	99	130295	75.64	ng		0.00
23) Nitrobenzene-d5	9.30	82	177228	90.76	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	48722	75.26	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	376964	89.86	ng		-0.01
78) Terphenyl-d14	20.06	244	535388	91.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	27174	43.970	ng	#	100
3) Pyridine	3.88	79	56961	38.259	ng	#	65
4) n-Nitrosodimethylamine	3.79	42	58578	50.445	ng	#	22
6) Aniline	7.45	93	72485	36.546	ng	#	86
8) 2-Chlorophenol	7.67	128	60831	38.803	ng		97
9) Benzaldehyde	7.26	77	46375	38.317	ng		81
10) Phenol	7.30	94	61970	35.977	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	49072	36.062	ng		83
12) 1,3-Dichlorobenzene	7.99	146	72297	39.399	ng	#	84
13) 1,4-Dichlorobenzene	8.15	146	73419	39.450	ng	#	94
14) 1,2-Dichlorobenzene	8.46	146	71513	39.271	ng	#	92
15) Benzyl Alcohol	8.37	79	56265	41.021	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.64	45	61995	29.768	ng		90
17) 2-Methylphenol	8.57	107	46471	39.472	ng	#	78
18) Hexachloroethane	9.18	117	37494	46.607	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	47564	37.777	ng	#	65
20) 3+4-Methylphenols	8.90	107	62472	36.881	ng	#	82
22) Acetophenone	8.96	105	92693	40.532	ng	#	76
24) Nitrobenzene	9.34	77	83139	42.298	ng		94
25) Isophorone	9.86	82	104597	39.160	ng	#	93
26) 2-Nitrophenol	10.05	139	34178	41.655	ng	#	32
27) 2,4-Dimethylphenol	10.10	122	44644	39.054	ng	#	77
28) bis(2-Chloroethoxy)methane	10.33	93	64302	37.040	ng		99
29) 2,4-Dichlorophenol	10.58	162	59047	43.469	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	70929	42.976	ng		96
31) Naphthalene	10.97	128	175973	38.283	ng		98
32) Benzoic acid	10.29	122	32413	37.196	ng	#	84
33) 4-Chloroaniline	11.10	127	73716	39.299	ng	#	86
34) Hexachlorobutadiene	11.22	225	60947	53.237	ng		96
35) Caprolactam	11.92	113	13334	35.441	ng	#	88
36) 4-Chloro-3-methylphenol	12.22	107	61641	41.258	ng	#	82
37) 2-Methylnaphthalene	12.57	142	125653	40.807	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	80834	46.515	ng	#	100
40) Hexachlorocyclopentadiene	12.89	237	21699	30.671	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	48335	44.455	ng		94
43) 2,4,5-Trichlorophenol	13.27	196	47514	42.366	ng	#	77
45) 1,1'-Biphenyl	13.58	154	182847	39.692	ng		97
46) 2-Chloronaphthalene	13.63	162	143000	39.911	ng	#	86
47) 2-Nitroaniline	13.86	65	48323	40.794	ng	#	73
48) Acenaphthylene	14.47	152	206283	39.328	ng		99
49) Dimethylphthalate	14.20	163	177974	39.840	ng		99
50) 2,6-Dinitrotoluene	14.34	165	35799	39.829	ng	#	33
51) Acenaphthene	14.81	154	124088	38.466	ng		96
52) 3-Nitroaniline	14.69	138	34078	35.102	ng	#	64
53) 2,4-Dinitrophenol	14.92	184	14849	41.650	ng	#	70
54) Dibenzofuran	15.14	168	212777	40.026	ng	#	76
55) 4-Nitrophenol	15.00	139	19242	27.648	ng	#	87
56) 2,4-Dinitrotoluene	15.14	165	51489	40.063	ng	#	47
57) Fluorene	15.79	166	156340	39.577	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	42656	44.250	ng	#	100
59) Diethylphthalate	15.55	149	194228	40.338	ng		94
60) 4-Chlorophenyl-phenylether	15.77	204	96720	43.982	ng	#	82
61) 4-Nitroaniline	15.84	138	31514	33.833	ng	#	1
62) Azobenzene	16.07	77	228406	45.042	ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.91	198	26357	40.609	ng	#	82
65) n-Nitrosodiphenylamine	16.00	169	143165	40.659	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	54061	44.648	ng	#	72
67) Hexachlorobenzene	16.79	284	54115	40.584	ng	#	46
68) Atrazine	16.94	200	52579	41.664	ng		97
69) Pentachlorophenol	17.14	266	30326	36.728	ng		95
70) Phenanthrene	17.53	178	228399	38.151	ng		98
71) Anthracene	17.62	178	230022	39.533	ng		98
72) Carbazole	17.89	167	223745	37.119	ng	#	93
73) Di-n-butylphthalate	18.42	149	311773	41.508	ng	#	96
74) Fluoranthene	19.52	202	269633	40.376	ng		96
76) Benzidine	19.71	184	116325	34.121	ng		98
77) Pyrene	19.88	202	286504	39.187	ng		99
79) Butylbenzylphthalate	20.74	149	149061	40.134	ng	#	73
80) Benzo(a)anthracene	21.60	228	301471	40.120	ng		97
81) 3,3'-Dichlorobenzidine	21.53	252	116921	38.631	ng		96
82) Chrysene	21.66	228	287266	39.854	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	213258	39.619	ng	#	91
84) Di-n-octyl phthalate	22.39	149	357669	39.536	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.32	276	347209	40.593	ng		99
87) Benzo(b)fluoranthene	23.24	252	280766	39.714	ng	#	95
88) Benzo(k)fluoranthene	23.29	252	284872	39.760	ng	#	97
89) Benzo(a)pyrene	23.84	252	274566	40.399	ng	#	98
90) Dibenzo(a,h)anthracene	26.31	278	292939	41.602	ng	#	94
91) Benzo(g,h,i)perylene	27.05	276	267343	40.142	ng	#	89

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

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