Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016463.D
Acq On : 18 Aug 2018 08:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 01:36:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15955	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	78065	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	58167	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	158085	20.00	ng		-0.01
75) Chrysene-d12	21.58	240	251562	20.00	ng		0.00
86) Perylene-d12	23.89	264	244887	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	63508	66.89	ng		0.00
7) Phenol-d6	7.22	99	93626	73.37	ng		-0.01
23) Nitrobenzene-d5	9.24	82	150070	80.06	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	73738	83.93	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	428135	76.54	ng		0.00
78) Terphenyl-d14	20.03	244	1130636	67.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	15762	33.153	ng	#	100
3) Pyridine	3.83	79	35875	37.480	ng	#	54
4) n-Nitrosodimethylamine	3.75	42	40069	36.332	ng	#	24
6) Aniline	7.39	93	54121	40.986	ng	#	83
8) 2-Chlorophenol	7.62	128	42853	36.612	ng		93
9) Benzaldehyde	7.20	77	34378	40.972	ng		86
10) Phenol	7.25	94	46182	37.361	ng		80
11) bis(2-Chloroethyl)ether	7.48	93	35300	37.616	ng		85
12) 1,3-Dichlorobenzene	7.93	146	48207	35.936	ng	#	82
13) 1,4-Dichlorobenzene	8.09	146	49302	36.355	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	50515	37.918	ng	#	91
15) Benzyl Alcohol	8.32	79	46287	39.963	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.59	45	43471	36.800	ng		89
17) 2-Methylphenol	8.51	107	35978	40.280	ng	#	79
18) Hexachloroethane	9.12	117	27418	39.261	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	39259	40.522	ng	#	54
20) 3+4-Methylphenols	8.85	107	51056	41.594	ng	#	84
22) Acetophenone	8.90	105	76895	36.727	ng	#	75
24) Nitrobenzene	9.29	77	67208	37.195	ng	#	93
25) Isophorone	9.80	82	97246	38.897	ng	#	92
26) 2-Nitrophenol	9.99	139	28128	37.005	ng	#	19
27) 2,4-Dimethylphenol	10.05	122	39267	38.643	ng	#	73
28) bis(2-Chloroethoxy)methane	10.27	93	55320	38.252	ng		98
29) 2,4-Dichlorophenol	10.53	162	52535	38.244	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	61365	37.776	ng		97
31) Naphthalene	10.92	128	149658	37.800	ng		98
32) Benzoic acid	10.25	122	34505	41.807	ng	#	66
33) 4-Chloroaniline	11.05	127	69253	40.812	ng	#	85
34) Hexachlorobutadiene	11.16	225	53274	38.046	ng		93
35) Caprolactam	11.87	113	15522	44.075	ng		91
36) 4-Chloro-3-methylphenol	12.17	107	63770	40.710	ng		89
37) 2-Methylnaphthalene	12.52	142	119425	40.660	ng	#	79
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	85984	36.109	ng	#	100
40) Hexachlorocyclopentadiene	12.84	237	23668	33.179	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	54602	36.688	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	54505	37.538	ng	#	84
45) 1,1'-Biphenyl	13.53	154	191060	35.488	ng		98
46) 2-Chloronaphthalene	13.57	162	153944	36.652	ng	#	87
47) 2-Nitroaniline	13.80	65	56856	39.035	ng	#	71
48) Acenaphthylene	14.42	152	241810	38.288	ng		99
49) Dimethylphthalate	14.16	163	223155	39.121	ng		99
50) 2,6-Dinitrotoluene	14.30	165	44479	41.083	ng	#	35
51) Acenaphthene	14.76	154	143314	37.602	ng		98
52) 3-Nitroaniline	14.63	138	42942	40.256	ng	#	71
53) 2,4-Dinitrophenol	14.86	184	21190	41.229	ng	#	59
54) Dibenzofuran	15.10	168	267317	39.805	ng	#	78
55) 4-Nitrophenol	14.95	139	29882	42.887	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	74252	41.029	ng	#	74
57) Fluorene	15.74	166	206670	40.281	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	58762	43.194	ng	#	100
59) Diethylphthalate	15.51	149	262895	40.616	ng		94
60) 4-Chlorophenyl-phenylether	15.73	204	129357	39.852	ng	#	83
61) 4-Nitroaniline	15.80	138	46099	44.697	ng	#	1
62) Azobenzene	16.02	77	289003	38.717	ng	#	68
64) 4,6-Dinitro-2-methylphenol	15.86	198	43668	39.612	ng		89
65) n-Nitrosodiphenylamine	15.95	169	194455	36.351	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	78225	36.790	ng	#	74
67) Hexachlorobenzene	16.74	284	79774	38.232	ng	#	59
68) Atrazine	16.90	200	82348	41.992	ng		96
69) Pentachlorophenol	17.09	266	47431	39.700	ng		98
70) Phenanthrene	17.48	178	345098	38.530	ng		99
71) Anthracene	17.57	178	345966	38.910	ng		97
72) Carbazole	17.84	167	350391	40.716	ng	#	95
73) Di-n-butylphthalate	18.37	149	492231	39.855	ng	#	95
74) Fluoranthene	19.48	202	467729	43.229	ng		96
76) Benzidine	19.67	184	208161	37.597	ng		99
77) Pyrene	19.84	202	512317	30.861	ng		99
79) Butylbenzylphthalate	20.70	149	267329	34.360	ng	#	77
80) Benzo(a)anthracene	21.57	228	615891	37.841	ng		99
81) 3,3'-Dichlorobenzidine	21.50	252	241881	41.745	ng		98
82) Chrysene	21.62	228	584678	38.225	ng		100
83) Bis(2-ethylhexyl)phthalate	21.46	149	414286	37.327	ng		94
84) Di-n-octyl phthalate	22.34	149	711882	42.762	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.24	276	731426	58.461	ng		99
87) Benzo(b)fluoranthene	23.19	252	589193	36.322	ng	#	92
88) Benzo(k)fluoranthene	23.24	252	589431	36.360	ng	#	95
89) Benzo(a)pyrene	23.79	252	567724	38.665	ng	#	96
90) Dibenzo(a,h)anthracene	26.24	278	625221	47.484	ng	#	92
91) Benzo(g,h,i)perylene	26.96	276	525223	44.382	ng	#	87

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

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