Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016046.D
Acq On : 24 Jul 2018 03:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 24 09:09:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	42157	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	183439	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	99903	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	219786	20.00	ng		0.00
75) Chrysene-d12	21.70	240	243364	20.00	ng		0.00
86) Perylene-d12	24.07	264	241943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	210476	82.93	ng		0.00
7) Phenol-d6	7.39	99	275261	83.05	ng		0.00
23) Nitrobenzene-d5	9.42	82	333013	84.44	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	100584	79.38	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	692826	84.38	ng		0.00
78) Terphenyl-d14	20.15	244	982798	84.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45563	38.318	ng	#	100
3) Pyridine	3.96	79	112052	39.118	ng	#	72
4) n-Nitrosodimethylamine	3.87	42	88337	39.538	ng	#	37
6) Aniline	7.55	93	156091	40.903	ng	#	87
8) 2-Chlorophenol	7.79	128	121576	40.307	ng		94
9) Benzaldehyde	7.37	77	96513	41.447	ng		87
10) Phenol	7.41	94	137144	41.382	ng		98
11) bis(2-Chloroethyl)ether	7.65	93	104679	39.983	ng		87
12) 1,3-Dichlorobenzene	8.12	146	137807	39.032	ng	#	87
13) 1,4-Dichlorobenzene	8.26	146	142942	39.920	ng	#	94
14) 1,2-Dichlorobenzene	8.58	146	139817	39.906	ng	#	94
15) Benzyl Alcohol	8.48	79	109222	41.387	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.76	45	160023	39.936	ng		98
17) 2-Methylphenol	8.67	107	95007	41.942	ng	#	81
18) Hexachloroethane	9.30	117	62146	40.151	ng		99
19) n-Nitroso-di-n-propylamine	9.05	70	100186	41.357	ng	#	75
20) 3+4-Methylphenols	9.01	107	127906	39.246	ng		87
22) Acetophenone	9.07	105	183117	39.644	ng	#	84
24) Nitrobenzene	9.46	77	159008	40.053	ng		94
25) Isophorone	9.97	82	217379	40.295	ng	#	93
26) 2-Nitrophenol	10.17	139	63199	38.136	ng	#	48
27) 2,4-Dimethylphenol	10.22	122	93090	40.319	ng	#	78
28) bis(2-Chloroethoxy)methane	10.45	93	140121	39.962	ng		100
29) 2,4-Dichlorophenol	10.70	162	114259	41.646	ng		97
30) 1,2,4-Trichlorobenzene	10.91	180	132109	39.631	ng		94
31) Naphthalene	11.10	128	365060	39.321	ng		100
32) Benzoic acid	10.38	122	66031	37.517	ng		91
33) 4-Chloroaniline	11.22	127	156124	41.209	ng	#	87
34) Hexachlorobutadiene	11.36	225	92577	40.037	ng		99
35) Caprolactam	12.02	113	30735	40.447	ng	#	82
36) 4-Chloro-3-methylphenol	12.33	107	125541	41.603	ng		88
37) 2-Methylnaphthalene	12.69	142	249751	40.158	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	135516	39.844	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	58561	39.386	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	89641	42.125	ng		99
43) 2,4,5-Trichlorophenol	13.37	196	89610	40.825	ng	#	79
45) 1,1'-Biphenyl	13.69	154	360500	39.985	ng		99
46) 2-Chloronaphthalene	13.74	162	283588	40.441	ng	#	89
47) 2-Nitroaniline	13.96	65	92917	40.079	ng	#	80
48) Acenaphthylene	14.58	152	423649	41.268	ng		99
49) Dimethylphthalate	14.31	163	349642	39.991	ng		99
50) 2,6-Dinitrotoluene	14.44	165	73453	41.755	ng	#	59
51) Acenaphthene	14.92	154	249949	39.589	ng		96
52) 3-Nitroaniline	14.78	138	76221	40.115	ng	#	74
53) 2,4-Dinitrophenol	15.00	184	26973	39.096	ng	#	74
54) Dibenzofuran	15.25	168	418817	40.255	ng	#	82
55) 4-Nitrophenol	15.08	139	55523	40.763	ng	#	81
56) 2,4-Dinitrotoluene	15.23	165	101864	40.497	ng		94
57) Fluorene	15.90	166	313260	40.518	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.47	232	80014	42.410	ng	#	100
59) Diethylphthalate	15.65	149	388370	41.212	ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	173804	40.383	ng	#	83
61) 4-Nitroaniline	15.93	138	72569	39.807	ng	#	7
62) Azobenzene	16.17	77	416605	41.977	ng		77
64) 4,6-Dinitro-2-methylphenol	15.99	198	52104	39.057	ng		86
65) n-Nitrosodiphenylamine	16.10	169	291996	40.347	ng		97
66) 4-Bromophenyl-phenylether	16.77	248	100077	40.212	ng	#	74
67) Hexachlorobenzene	16.89	284	108596	39.624	ng	#	67
68) Atrazine	17.03	200	104899	40.441	ng		99
69) Pentachlorophenol	17.23	266	66204	39.010	ng		98
70) Phenanthrene	17.63	178	482243	39.191	ng		99
71) Anthracene	17.72	178	473589	39.601	ng		98
72) Carbazole	17.99	167	495065	39.959	ng		98
73) Di-n-butylphthalate	18.51	149	629336	40.765	ng	#	96
74) Fluoranthene	19.61	202	548636	39.971	ng		99
76) Benzidine	19.79	184	279294	41.069	ng		98
77) Pyrene	19.97	202	585961	40.178	ng		98
79) Butylbenzylphthalate	20.83	149	302372	40.813	ng	#	85
80) Benzo(a)anthracene	21.69	228	598693	39.942	ng		98
81) 3,3'-Dichlorobenzidine	21.61	252	246398	40.812	ng		98
82) Chrysene	21.74	228	569627	39.617	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	441002	41.072	ng	#	93
84) Di-n-octyl phthalate	22.48	149	731841	40.554	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.50	276	665975	39.032	ng	#	94
87) Benzo(b)fluoranthene	23.35	252	577336	40.529	ng	#	97
88) Benzo(k)fluoranthene	23.40	252	576601	39.940	ng		98
89) Benzo(a)pyrene	23.97	252	552489	40.344	ng		99
90) Dibenzo(a,h)anthracene	26.50	278	566993	39.962	ng		97
91) Benzo(g,h,i)perylene	27.25	276	529724	39.475	ng	#	94

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

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