Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
Data File : BM016212.D
Acq On : 07 Aug 2018 04:26
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/7/2018 6:56:27 PM

Quant Time: Aug 07 13:14:47 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	41952	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	176535	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	95901	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	205095	20.00	ng		0.00
75) Chrysene-d12	21.66	240	234587	20.00	ng		0.00
86) Perylene-d12	24.01	264	228939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	204063	80.80	ng		0.00
7) Phenol-d6	7.33	99	268293	81.35	ng		0.00
23) Nitrobenzene-d5	9.36	82	329288	86.76	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	93221	76.64	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	669744	84.97	ng		0.00
78) Terphenyl-d14	20.11	244	978522	87.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	44861	37.912	ng	#	100
3) Pyridine	3.92	79	108572	38.088	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	92375	41.547	ng	#	34
6) Aniline	7.50	93	147674	38.887	ng	#	89
8) 2-Chlorophenol	7.73	128	118409	39.449	ng		94
9) Benzaldehyde	7.31	77	89999	38.838	ng		90
10) Phenol	7.36	94	129955	39.405	ng		91
11) bis(2-Chloroethyl)ether	7.59	93	100115	38.426	ng		91
12) 1,3-Dichlorobenzene	8.05	146	134952	38.411	ng	#	84
13) 1,4-Dichlorobenzene	8.20	146	136772	38.384	ng	#	94
14) 1,2-Dichlorobenzene	8.52	146	134567	38.596	ng	#	93
15) Benzyl Alcohol	8.42	79	109028	41.516	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.70	45	144292	36.186	ng		96
17) 2-Methylphenol	8.62	107	91297	40.501	ng	#	79
18) Hexachloroethane	9.24	117	61520	39.941	ng		93
19) n-Nitroso-di-n-propylamine	8.99	70	95512	39.620	ng	#	70
20) 3+4-Methylphenols	8.96	107	124799	38.480	ng		85
22) Acetophenone	9.01	105	177586	39.950	ng	#	80
24) Nitrobenzene	9.40	77	153531	40.186	ng		97
25) Isophorone	9.92	82	215539	41.516	ng	#	93
26) 2-Nitrophenol	10.11	139	64979	40.743	ng	#	49
27) 2,4-Dimethylphenol	10.16	122	88031	39.619	ng	#	79
28) bis(2-Chloroethoxy)methane	10.39	93	130959	38.810	ng		97
29) 2,4-Dichlorophenol	10.64	162	108496	41.092	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	124429	38.787	ng	#	95
31) Naphthalene	11.04	128	343821	38.482	ng		99
32) Benzoic acid	10.34	122	67791	40.023	ng	#	77
33) 4-Chloroaniline	11.16	127	148321	40.681	ng	#	87
34) Hexachlorobutadiene	11.29	225	91477	41.109	ng		97
35) Caprolactam	11.97	113	30409	41.583	ng	#	83
36) 4-Chloro-3-methylphenol	12.27	107	122719	42.258	ng		86
37) 2-Methylnaphthalene	12.63	142	237290	39.647	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	131631	40.317	ng	#	100
40) Hexachlorocyclopentadiene	12.96	237	30325	24.780	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	85559	41.885	ng		96
43) 2,4,5-Trichlorophenol	13.32	196	85828	40.734	ng	#	78
45) 1,1'-Biphenyl	13.63	154	339164	39.188	ng		99
46) 2-Chloronaphthalene	13.69	162	267836	39.788	ng	#	88
47) 2-Nitroaniline	13.90	65	93436	41.984	ng	#	75
48) Acenaphthylene	14.53	152	394447	40.027	ng		98
49) Dimethylphthalate	14.26	163	330993	39.438	ng		100
50) 2,6-Dinitrotoluene	14.40	165	69592	41.211	ng	#	54
51) Acenaphthene	14.86	154	234919	38.761	ng		96
52) 3-Nitroaniline	14.73	138	73159	40.110	ng	#	73
53) 2,4-Dinitrophenol	14.96	184	17460	28.356	ng	#	61
54) Dibenzofuran	15.20	168	394127	39.462	ng	#	79
55) 4-Nitrophenol	15.03	139	50572	38.677	ng	#	87
56) 2,4-Dinitrotoluene	15.19	165	99745	41.310	ng	#	79
57) Fluorene	15.85	166	297027	40.022	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	75175	41.508	ng	#	100
59) Diethylphthalate	15.60	149	373352	41.272	ng	#	94
60) 4-Chlorophenyl-phenylether	15.83	204	165715	40.110	ng	#	79
61) 4-Nitroaniline	15.89	138	69548	39.742	ng	#	1
62) Azobenzene	16.12	77	413170	43.368	ng	#	74
64) 4,6-Dinitro-2-methylphenol	15.95	198	34411	27.642	ng		85
65) n-Nitrosodiphenylamine	16.05	169	276271	40.908	ng		98
66) 4-Bromophenyl-phenylether	16.72	248	96204	41.425	ng	#	70
67) Hexachlorobenzene	16.84	284	98501	38.515	ng	#	61
68) Atrazine	16.99	200	96093	39.700	ng		95
69) Pentachlorophenol	17.19	266	62396	39.400	ng		99
70) Phenanthrene	17.57	178	445406	38.790	ng		98
71) Anthracene	17.67	178	444244	39.808	ng		98
72) Carbazole	17.94	167	459581	39.752	ng	#	96
73) Di-n-butylphthalate	18.46	149	626144	43.463	ng	#	96
74) Fluoranthene	19.57	202	513106	40.060	ng		99
76) Benzidine	19.75	184	279131	42.580	ng		99
77) Pyrene	19.93	202	541723	38.535	ng		99
79) Butylbenzylphthalate	20.79	149	307679	43.083	ng	#	79
80) Benzo(a)anthracene	21.64	228	564799	39.091	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	232102	39.883	ng		99
82) Chrysene	21.70	228	539041	38.892	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	451682	43.641	ng	#	91
84) Di-n-octyl phthalate	22.44	149	750274	43.131	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.42	276	636566	38.704	ng	#	95
87) Benzo(b)fluoranthene	23.30	252	524618	38.920	ng	#	95
88) Benzo(k)fluoranthene	23.35	252	547751	40.097	ng	#	97
89) Benzo(a)pyrene	23.91	252	511073	39.440	ng		98
90) Dibenzo(a,h)anthracene	26.42	278	545616	40.640	ng	#	96
91) Benzo(g,h,i)perylene	27.16	276	496510	39.101	ng	#	91

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

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