Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016521.D
Acq On : 22 Aug 2018 16:40
Operator : SJ/JU
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/22/2018 6:06:26 PM

Quant Time: Aug 22 17:41:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	103532	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	407232	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	343592	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1161009	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1799861	20.00	ng		0.00
86) Perylene-d12	23.83	264	1939223	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	364371	68.97	ng		0.00
7) Phenol-d6	7.19	99	479212	68.54	ng		0.00
23) Nitrobenzene-d5	9.20	82	752272	84.35	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	777393	80.94	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2946859	82.44	ng		0.00
78) Terphenyl-d14	19.99	244	7613139	89.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	119450	40.924	ng	#	100
3) Pyridine	3.80	79	203476	33.506	ng	#	79
4) n-Nitrosodimethylamine	3.73	42	101243	37.422	ng	#	68
6) Aniline	7.35	93	271812	34.743	ng	#	89
8) 2-Chlorophenol	7.58	128	225859	35.926	ng		96
9) Benzaldehyde	7.17	77	185980	38.331	ng	#	77
10) Phenol	7.22	94	232647	33.648	ng		90
11) bis(2-Chloroethyl)ether	7.45	93	176465	34.036	ng		95
12) 1,3-Dichlorobenzene	7.90	146	308602	37.024	ng	#	87
13) 1,4-Dichlorobenzene	8.05	146	311967	36.471	ng		97
14) 1,2-Dichlorobenzene	8.36	146	306692	36.495	ng	#	92
15) Benzyl Alcohol	8.28	79	250084	38.519	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.54	45	117643	32.953	ng	#	32
17) 2-Methylphenol	8.47	107	170928	34.139	ng	#	76
18) Hexachloroethane	9.08	117	157082	39.861	ng	#	38
19) n-Nitroso-di-n-propylamine	8.83	70	196618	35.870	ng	#	89
20) 3+4-Methylphenols	8.81	107	241951	34.951	ng	#	80
22) Acetophenone	8.86	105	364158	37.136	ng	#	95
24) Nitrobenzene	9.25	77	334978	37.590	ng		94
25) Isophorone	9.76	82	463065	38.847	ng	#	97
26) 2-Nitrophenol	9.96	139	144846	38.020	ng	#	53
27) 2,4-Dimethylphenol	10.01	122	182808	36.821	ng	#	74
28) bis(2-Chloroethoxy)methane	10.24	93	265117	37.258	ng		98
29) 2,4-Dichlorophenol	10.49	162	328083	44.154	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	543533	48.207	ng	#	93
31) Naphthalene	10.87	128	747160	38.509	ng		98
32) Benzoic acid	10.20	122	116813	28.121	ng	#	81
33) 4-Chloroaniline	11.01	127	310909	38.076	ng	#	84
34) Hexachlorobutadiene	11.12	225	563277	52.342	ng		98
35) Caprolactam	11.83	113	66455	37.272	ng	#	62
36) 4-Chloro-3-methylphenol	12.13	107	268956	37.651	ng		93
37) 2-Methylnaphthalene	12.48	142	611547	40.262	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	824057	42.466	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	294234	42.286	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	491508	42.356	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	484655m	42.757	ng		
45) 1,1'-Biphenyl	13.49	154	1035509	34.370	ng		99
46) 2-Chloronaphthalene	13.54	162	872145	35.631	ng		98
47) 2-Nitroaniline	13.77	65	206162	31.622	ng	#	82
48) Acenaphthylene	14.39	152	1194405	34.570	ng		100
49) Dimethylphthalate	14.12	163	1219891	36.955	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	244566	37.984	ng	#	74
51) Acenaphthene	14.72	154	742343	34.973	ng		96
52) 3-Nitroaniline	14.60	138	182849	31.211	ng	#	80
53) 2,4-Dinitrophenol	14.84	184	111549	34.620	ng	#	73
54) Dibenzofuran	15.06	168	1577105	38.812	ng		93
55) 4-Nitrophenol	14.92	139	116680	31.226	ng	#	77
56) 2,4-Dinitrotoluene	15.06	165	398845	37.149	ng	#	97
57) Fluorene	15.71	166	1190839	38.794	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	496617	45.584	ng	#	100
59) Diethylphthalate	15.47	149	1200551	34.881	ng	#	92
60) 4-Chlorophenyl-phenylether	15.69	204	1105696	42.952	ng	#	85
61) 4-Nitroaniline	15.77	138	183096	31.979	ng	#	1
62) Azobenzene	15.99	77	1344547	36.676	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	305567	34.638	ng	#	54
65) n-Nitrosodiphenylamine	15.92	169	1140020	34.904	ng		94
66) 4-Bromophenyl-phenylether	16.59	248	692069	38.795	ng		95
67) Hexachlorobenzene	16.70	284	819172	39.376	ng		93
68) Atrazine	16.86	200	607692	40.769	ng		95
69) Pentachlorophenol	17.06	266	417738	37.950	ng		96
70) Phenanthrene	17.44	178	2200758	36.675	ng		99
71) Anthracene	17.53	178	2212464	37.130	ng		99
72) Carbazole	17.82	167	1876053	35.034	ng		99
73) Di-n-butylphthalate	18.34	149	2160025	33.086	ng	#	98
74) Fluoranthene	19.44	202	3435064	39.042	ng		94
76) Benzidine	19.63	184	913508	26.392	ng		98
77) Pyrene	19.80	202	3669240	37.512	ng		100
79) Butylbenzylphthalate	20.67	149	1097948	32.519	ng	#	76
80) Benzo(a)anthracene	21.53	228	4064281	38.409	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1741325	36.969	ng	#	97
82) Chrysene	21.58	228	3768173	37.322	ng		100
83) Bis(2-ethylhexyl)phthalate	21.42	149	1627731	32.429	ng	#	96
84) Di-n-octyl phthalate	22.30	149	2720606	32.616	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	5188886	35.737	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	4295451	38.425	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	4333229	38.097	ng	#	93
89) Benzo(a)pyrene	23.73	252	4143906	38.098	ng	#	94
90) Dibenzo(a,h)anthracene	26.15	278	4405480	36.140	ng	#	87
91) Benzo(g,h,i)perylene	26.87	276	3929320	35.909	ng	#	81

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

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