Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016558.D
Acq On : 23 Aug 2018 16:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:32 PM

Quant Time: Aug 23 17:00:24 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	8.01	152	166461	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	662357	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	534108	20.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	1797446	20.00	ng		0.00
75) Chrysene-d12	21.54	240	2848677	20.00	ng		0.00
86) Perylene-d12	23.82	264	2835352	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	600464	70.69	ng		0.00
7) Phenol-d6	7.19	99	858869	76.41	ng		-0.01
23) Nitrobenzene-d5	9.20	82	1257381	86.68	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	1344727	90.07	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	5108490	91.94	ng		-0.01
78) Terphenyl-d14	19.99	244	11026888	81.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	175052	37.301	ng	#	100
3) Pyridine	3.80	79	348796	35.722	ng	#	81
4) n-Nitrosodimethylamine	3.72	42	169416	38.947	ng	#	65
6) Aniline	7.35	93	483706	38.454	ng	#	90
8) 2-Chlorophenol	7.57	128	392781	38.859	ng		93
9) Benzaldehyde	7.16	77	318681	40.851	ng	#	78
10) Phenol	7.22	94	415385	37.366	ng		89
11) bis(2-Chloroethyl)ether	7.44	93	306390	36.755	ng		98
12) 1,3-Dichlorobenzene	7.89	146	517227	38.595	ng	#	85
13) 1,4-Dichlorobenzene	8.05	146	522137	37.965	ng		95
14) 1,2-Dichlorobenzene	8.36	146	535548	39.636	ng		95
15) Benzyl Alcohol	8.27	79	382595	36.651	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.55	45	196795	34.285	ng	#	37
17) 2-Methylphenol	8.47	107	300335	37.308	ng	#	76
18) Hexachloroethane	9.07	117	256262	40.446	ng	#	44
19) n-Nitroso-di-n-propylamine	8.83	70	343291	38.952	ng	#	85
20) 3+4-Methylphenols	8.80	107	421940	37.909	ng	#	80
22) Acetophenone	8.86	105	631242	39.577	ng		97
24) Nitrobenzene	9.25	77	568044	39.191	ng		93
25) Isophorone	9.76	82	793511	40.928	ng	#	95
26) 2-Nitrophenol	9.95	139	253723	40.947	ng	#	47
27) 2,4-Dimethylphenol	10.00	122	311953	38.631	ng	#	75
28) bis(2-Chloroethoxy)methane	10.23	93	448104	38.718	ng		99
29) 2,4-Dichlorophenol	10.48	162	569956	47.160	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	914707	49.879	ng	#	93
31) Naphthalene	10.87	128	1243365	39.400	ng		98
32) Benzoic acid	10.22	122	221363m	32.763	ng		
33) 4-Chloroaniline	11.00	127	526700	39.658	ng	#	88
34) Hexachlorobutadiene	11.12	225	916752	52.376	ng		94
35) Caprolactam	11.84	113	122631m	42.287	ng		
36) 4-Chloro-3-methylphenol	12.13	107	469790	40.434	ng		95
37) 2-Methylnaphthalene	12.47	142	1036768	41.966	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1331662	44.146	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	719916	58.947	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	828413	45.925	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	818719m	46.465	ng		
45) 1,1'-Biphenyl	13.49	154	1753436	37.440	ng		98
46) 2-Chloronaphthalene	13.54	162	1482025	38.951	ng		99
47) 2-Nitroaniline	13.77	65	345325	34.074	ng		86
48) Acenaphthylene	14.38	152	2008383	37.394	ng		98
49) Dimethylphthalate	14.12	163	2019587	39.358	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	415627	41.527	ng	#	82
51) Acenaphthene	14.72	154	1237499	37.504	ng		97
52) 3-Nitroaniline	14.60	138	310334	34.077	ng	#	75
53) 2,4-Dinitrophenol	14.84	184	111883m	22.338	ng		
54) Dibenzofuran	15.06	168	2673060	42.319	ng		98
55) 4-Nitrophenol	14.92	139	186477	32.104	ng	#	80
56) 2,4-Dinitrotoluene	15.06	165	684733	41.028	ng	#	89
57) Fluorene	15.70	166	2008508	42.092	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	776636	45.859	ng	#	100
59) Diethylphthalate	15.47	149	1984162	37.085	ng	#	93
60) 4-Chlorophenyl-phenylether	15.69	204	1794870	44.854	ng	#	85
61) 4-Nitroaniline	15.77	138	317760	35.702	ng	#	1
62) Azobenzene	15.99	77	2093662	36.739	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	365155	26.737	ng	#	55
65) n-Nitrosodiphenylamine	15.92	169	1885102	37.280	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	1113146	40.305	ng		98
67) Hexachlorobenzene	16.70	284	1307413	40.592	ng		98
68) Atrazine	16.86	200	973875	42.201	ng		92
69) Pentachlorophenol	17.05	266	636219	37.333	ng		98
70) Phenanthrene	17.44	178	3605446	38.809	ng		99
71) Anthracene	17.53	178	3574281	38.745	ng		99
72) Carbazole	17.81	167	3065660	36.978	ng		98
73) Di-n-butylphthalate	18.33	149	3556162	35.184	ng	#	97
74) Fluoranthene	19.44	202	5596335	41.085	ng		94
76) Benzidine	19.63	184	2527483	46.136	ng		98
77) Pyrene	19.80	202	5942338	38.384	ng		99
79) Butylbenzylphthalate	20.66	149	1816940	34.001	ng	#	79
80) Benzo(a)anthracene	21.53	228	6501297	38.819	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	2827056	37.922	ng	#	97
82) Chrysene	21.57	228	6088060	38.099	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2714485	34.169	ng	#	98
84) Di-n-octyl phthalate	22.30	149	4408224	33.391	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.15	276	7907625	34.410	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	6539437	40.010	ng	#	90
88) Benzo(k)fluoranthene	23.18	252	6749877	40.588	ng	#	92
89) Benzo(a)pyrene	23.73	252	6249281	39.295	ng	#	95
90) Dibenzo(a,h)anthracene	26.14	278	6754912	37.900	ng	#	87
91) Benzo(g,h,i)perylene	26.86	276	5792332	36.205	ng	#	80

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

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