Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011321.D
Acq On : 19 Aug 2017 16:52
Operator : SJ/JU
Sample : I4849-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CAPTAINSCOVE-WC-002MS

Manual Integrations APPROVED
Sohil
8/21/2017 5:20:50 PM

Quant Time: Aug 21 02:10:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	153552	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	558348	20.00	ng		-0.02
38) Acenaphthene-d10	13.93	164	420234	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	1050814	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1310675	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1168863	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	831896	91.58	ng		-0.02
7) Phenol-d6	6.47	99	1097300	85.02	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1296184	87.13	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	680247	100.99	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2319650	69.23	ng		-0.02
78) Terphenyl-d14	19.37	244	4086975	61.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	126107	30.920	ng	#	100
3) Pyridine	3.30	79	215055	19.305	ng	#	85
4) n-Nitrosodimethylamine	3.21	42	226906	39.969	ng	#	64
6) Aniline	6.62	93	209087	12.854	ng	#	72
8) 2-Chlorophenol	6.84	128	248898	26.989	ng	#	54
9) Benzaldehyde	6.43	77	237838	28.482	ng	#	63
10) Phenol	6.50	94	378293	26.986	ng		85
11) bis(2-Chloroethyl)ether	6.72	93	360491	33.005	ng		86
12) 1,3-Dichlorobenzene	7.16	146	313029	27.851	ng	#	66
13) 1,4-Dichlorobenzene	7.30	146	306667	26.619	ng	#	85
14) 1,2-Dichlorobenzene	7.61	146	310629	28.201	ng	#	86
15) Benzyl Alcohol	7.52	79	444787	35.925	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.81	45	380240	38.687	ng		74
17) 2-Methylphenol	7.73	107	266505	29.747	ng	#	69
18) Hexachloroethane	8.32	117	154149	30.682	ng	#	83
19) n-Nitroso-di-n-propylamine	8.08	70	418867	38.192	ng	#	90
20) 3+4-Methylphenols	8.05	107	355902	28.578	ng	#	74
22) Acetophenone	8.09	105	571063	34.120	ng	#	84
24) Nitrobenzene	8.46	77	638259	41.403	ng	#	81
25) Isophorone	8.98	82	982874	39.625	ng	#	84
26) 2-Nitrophenol	9.16	139	148807	30.337	ng	#	2
27) 2,4-Dimethylphenol	9.24	122	273035	31.620	ng	#	59
28) bis(2-Chloroethoxy)methane	9.47	93	500977	36.212	ng	#	96
29) 2,4-Dichlorophenol	9.69	162	310059	31.955	ng		90
30) 1,2,4-Trichlorobenzene	9.89	180	421662	35.146	ng		99
31) Naphthalene	10.07	128	919297	32.728	ng		99
32) Benzoic acid	9.38	122	168877	24.332	ng	#	47
33) 4-Chloroaniline	10.22	127	100002	8.925	ng	#	60
34) Hexachlorobutadiene	10.36	225	335819	35.539	ng		98
35) Caprolactam	11.00	113	62888m	22.854	ng		
36) 4-Chloro-3-methylphenol	11.35	107	396098	31.614	ng	#	68
37) 2-Methylnaphthalene	11.70	142	734439	35.593	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	565770	31.337	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	802657	76.296	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	324893	29.731	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	331414	29.446	ng	#	86
45) 1,1'-Biphenyl	12.75	154	1038900	28.591	ng		94
46) 2-Chloronaphthalene	12.79	162	838360	31.314	ng		94
47) 2-Nitroaniline	13.02	65	391610	41.346	ng	#	57
48) Acenaphthylene	13.65	152	1233921	30.883	ng		98
49) Dimethylphthalate	13.42	163	1100276	30.606	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	229318	31.545	ng	#	32
51) Acenaphthene	14.00	154	786548	31.793	ng		97
52) 3-Nitroaniline	13.86	138	152840	24.228	ng	#	3
53) 2,4-Dinitrophenol	14.07	184	314389	60.852	ng	#	65
54) Dibenzofuran	14.34	168	1403501	35.013	ng		92
55) 4-Nitrophenol	14.20	139	231039	41.686	ng	#	59
56) 2,4-Dinitrotoluene	14.33	165	331789	32.511	ng	#	58
57) Fluorene	15.00	166	1143401	32.761	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.58	232	370358	35.106	ng	#	100
59) Diethylphthalate	14.80	149	1144903	31.184	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	703417	33.382	ng		98
61) 4-Nitroaniline	15.04	138	156712	23.388	ng	#	1
62) Azobenzene	15.30	77	1734638	44.146	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	220100	30.940	ng		89
65) n-Nitrosodiphenylamine	15.23	169	939646	31.246	ng		100
66) 4-Bromophenyl-phenylether	15.90	248	466046	34.500	ng	#	91
67) Hexachlorobenzene	16.00	284	466205	30.541	ng	#	81
68) Atrazine	16.20	200	262391	21.773	ng		99
69) Pentachlorophenol	16.36	266	576469	59.484	ng		94
70) Phenanthrene	16.74	178	1940640	35.270	ng		99
71) Anthracene	16.83	178	1964857	35.806	ng		99
72) Carbazole	17.12	167	1465525	30.538	ng		99
73) Di-n-butylphthalate	17.70	149	1896278	32.448	ng	#	96
74) Fluoranthene	18.77	202	2489718	36.513	ng		98
76) Benzidine	19.00	184	151881	4.844	ng		96
77) Pyrene	19.14	202	2580270	33.132	ng		99
79) Butylbenzylphthalate	20.09	149	859765	31.046	ng	#	53
80) Benzo(a)anthracene	20.91	228	2619043	34.996	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	213184	7.261	ng	#	97
82) Chrysene	20.96	228	2466752	34.338	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1213977	29.798	ng	#	98
84) Di-n-octyl phthalate	21.72	149	2044113	30.914	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.01	276	2866410	38.527	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2711580	36.145	ng	#	93
88) Benzo(k)fluoranthene	22.43	252	2550827	35.476	ng	#	94
89) Benzo(a)pyrene	22.90	252	2529976	37.270	ng	#	95
90) Dibenzo(a,h)anthracene	25.01	278	2419859	38.454	ng	#	89
91) Benzo(g,h,i)perylene	25.61	276	2423753	39.223	ng	#	83

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

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