Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011322.D
Acq On : 19 Aug 2017 17:28
Operator : SJ/JU
Sample : I4849-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CAPTAINSCOVE-WC-002MSD

Manual Integrations APPROVED
Sohil
8/21/2017 5:20:53 PM

Quant Time: Aug 21 02:13:11 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	157422	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	582824	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	416356	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	1068008	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1350110	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1176641	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	1054039	113.19	ng	-0.02
7) Phenol-d6	6.47	99	1423997	107.62	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1500178	96.61	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	783042	117.34	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2554664	76.95	ng	-0.02
78) Terphenyl-d14	19.37	244	4370040	64.12	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	133243	31.867	ng	# 100
3) Pyridine	3.38	79	44900m	3.931	ng	
4) n-Nitrosodimethylamine	3.21	42	234637	40.315	ng	# 65
6) Aniline	6.67	93	56804	3.406	ng	# 85
8) 2-Chlorophenol	6.85	128	315407	33.360	ng	# 65
9) Benzaldehyde	6.43	77	441690	51.593	ng	# 67
10) Phenol	6.50	94	486785	33.872	ng	91
11) bis(2-Chloroethyl)ether	6.72	93	420794	37.578	ng	84
12) 1,3-Dichlorobenzene	7.16	146	359900	31.234	ng	# 75
13) 1,4-Dichlorobenzene	7.30	146	368045	31.161	ng	# 88
14) 1,2-Dichlorobenzene	7.61	146	357476	31.656	ng	# 88
15) Benzyl Alcohol	7.52	79	501946	39.545	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.80	45	433184	42.990	ng	80
17) 2-Methylphenol	7.73	107	324986	35.383	ng	# 68
18) Hexachloroethane	8.32	117	171135	33.226	ng	# 79
19) n-Nitroso-di-n-propylamine	8.08	70	484094	43.055	ng	# 87
20) 3+4-Methylphenols	8.05	107	443379	34.726	ng	# 79
22) Acetophenone	8.09	105	666045	38.124	ng	# 86
24) Nitrobenzene	8.46	77	722516	44.900	ng	# 81
25) Isophorone	8.98	82	1126085	43.492	ng	# 82
26) 2-Nitrophenol	9.16	139	180155	35.186	ng	# 1
27) 2,4-Dimethylphenol	9.24	122	321749	35.697	ng	# 67
28) bis(2-Chloroethoxy)methane	9.47	93	575305	39.839	ng	# 92
29) 2,4-Dichlorophenol	9.69	162	383314	37.845	ng	93
30) 1,2,4-Trichlorobenzene	9.89	180	455827	36.398	ng	98
31) Naphthalene	10.07	128	1058950	36.117	ng	97
32) Benzoic acid	9.39	122	212197	29.289	ng	# 36
33) 4-Chloroaniline	10.25	127	67649	5.784	ng	# 59
34) Hexachlorobutadiene	10.36	225	364954	37.000	ng	94
35) Caprolactam	11.07	113	63360m	22.059	ng	
36) 4-Chloro-3-methylphenol	11.34	107	475287	36.342	ng	# 69
37) 2-Methylnaphthalene	11.70	142	825104	38.308	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	620257	34.675	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	941460	90.324	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	388555	35.888	ng		98
43) 2,4,5-Trichlorophenol	12.42	196	412471	36.989	ng	#	85
45) 1,1'-Biphenyl	12.75	154	1160613	32.238	ng		95
46) 2-Chloronaphthalene	12.79	162	946256	35.673	ng	#	92
47) 2-Nitroaniline	13.02	65	430983	45.927	ng	#	59
48) Acenaphthylene	13.65	152	1376536	34.773	ng		98
49) Dimethylphthalate	13.42	163	1221770	34.303	ng	#	99
50) 2,6-Dinitrotoluene	13.53	165	251827	34.964	ng	#	27
51) Acenaphthene	14.00	154	876239	35.749	ng		97
52) 3-Nitroaniline	13.86	138	136693	21.870	ng	#	6
53) 2,4-Dinitrophenol	14.07	184	390467	76.281	ng	#	75
54) Dibenzofuran	14.34	168	1521480	38.309	ng	#	91
55) 4-Nitrophenol	14.20	139	291080	53.008	ng	#	71
56) 2,4-Dinitrotoluene	14.33	165	379965	37.578	ng	#	69
57) Fluorene	15.00	166	1250148	36.153	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.58	232	432156	41.346	ng	#	100
59) Diethylphthalate	14.80	149	1273637	35.014	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	776472	37.192	ng		96
61) 4-Nitroaniline	15.04	138	161761	24.366	ng	#	1
62) Azobenzene	15.30	77	1877295	48.222	ng		85
64) 4,6-Dinitro-2-methylphenol	15.10	198	266450	36.852	ng		95
65) n-Nitrosodiphenylamine	15.23	169	1048964	34.319	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	506581	36.897	ng	#	92
67) Hexachlorobenzene	16.00	284	519664	33.495	ng	#	88
68) Atrazine	16.21	200	242759	19.819	ng		95
69) Pentachlorophenol	16.36	266	708900	71.971	ng		97
70) Phenanthrene	16.74	178	2176704	38.923	ng		99
71) Anthracene	16.83	178	2187056	39.214	ng		100
72) Carbazole	17.12	167	1706668	34.990	ng		98
73) Di-n-butylphthalate	17.70	149	2131978	35.894	ng	#	96
74) Fluoranthene	18.77	202	2766272	39.916	ng		99
77) Pyrene	19.14	202	2911248	36.290	ng		98
79) Butylbenzylphthalate	20.09	149	976693	34.238	ng	#	57
80) Benzo(a)anthracene	20.91	228	2929638	38.003	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	157251	5.200	ng	#	93
82) Chrysene	20.96	228	2728662	36.874	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1380383	32.893	ng	#	99
84) Di-n-octyl phthalate	21.72	149	2270181	33.330	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.00	276	3119934	40.710	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2960816	39.206	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2801411	38.704	ng	#	94
89) Benzo(a)pyrene	22.90	252	2810833	41.134	ng	#	97
90) Dibenzo(a,h)anthracene	25.01	278	2631313	41.537	ng	#	89
91) Benzo(g,h,i)perylene	25.61	276	2615106	42.040	ng	#	84

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

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