Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011304.D
Acq On : 19 Aug 2017 01:07
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 5:19:00 PM

Quant Time: Aug 19 04:06:24 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	90794	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	353221	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	273524	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	755875	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1066926	20.00	ng		-0.02
86) Perylene-d12	22.99	264	951335	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	610432	113.65	ng		-0.01
7) Phenol-d6	6.47	99	793555	103.99	ng		-0.02
23) Nitrobenzene-d5	8.42	82	977250	103.84	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	552955	126.13	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	1744822	80.00	ng		-0.02
78) Terphenyl-d14	19.37	244	3708185	68.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	94862	39.337	ng	#	100
3) Pyridine	3.30	79	148433	22.534	ng	#	86
4) n-Nitrosodimethylamine	3.20	42	186844	55.661	ng	#	62
6) Aniline	6.62	93	166314	17.292	ng	#	81
8) 2-Chlorophenol	6.84	128	175789	32.237	ng	#	60
9) Benzaldehyde	6.43	77	219308	44.416	ng	#	70
10) Phenol	6.50	94	268986	32.452	ng		85
11) bis(2-Chloroethyl)ether	6.72	93	255669	39.587	ng		88
12) 1,3-Dichlorobenzene	7.16	146	223594	33.645	ng	#	70
13) 1,4-Dichlorobenzene	7.30	146	229061	33.626	ng	#	86
14) 1,2-Dichlorobenzene	7.61	146	223985	34.390	ng	#	87
15) Benzyl Alcohol	7.52	79	333758	45.591	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.80	45	269979	46.455	ng		79
17) 2-Methylphenol	7.73	107	202068	38.144	ng	#	64
18) Hexachloroethane	8.32	117	112028	37.711	ng	#	83
19) n-Nitroso-di-n-propylamine	8.08	70	316613	48.823	ng	#	95
20) 3+4-Methylphenols	8.05	107	249855	33.930	ng	#	77
22) Acetophenone	8.09	105	419641	39.633	ng	#	84
24) Nitrobenzene	8.46	77	467237	47.910	ng	#	77
25) Isophorone	8.98	82	730891	46.578	ng	#	83
26) 2-Nitrophenol	9.16	139	107011	34.486	ng	#	1
27) 2,4-Dimethylphenol	9.24	122	202190	37.013	ng	#	58
28) bis(2-Chloroethoxy)methane	9.47	93	371339	42.430	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	228441	37.216	ng		93
30) 1,2,4-Trichlorobenzene	9.89	180	303915	40.043	ng		93
31) Naphthalene	10.07	128	672162	37.827	ng		97
32) Benzoic acid	9.37	122	116485	26.529	ng	#	28
33) 4-Chloroaniline	10.22	127	85314	12.035	ng	#	66
34) Hexachlorobutadiene	10.36	225	256987	42.990	ng		97
35) Caprolactam	11.01	113	49466m	28.416	ng		
36) 4-Chloro-3-methylphenol	11.35	107	298722	37.688	ng	#	69
37) 2-Methylnaphthalene	11.70	142	549472	42.093	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	429615	36.558	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	614602	89.756	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	246335	34.633	ng		98
43) 2,4,5-Trichlorophenol	12.42	196	266237	36.342	ng	#	85
45) 1,1'-Biphenyl	12.76	154	788624	33.344	ng		95
46) 2-Chloronaphthalene	12.79	162	642899	36.893	ng	#	93
47) 2-Nitroaniline	13.02	65	312399	50.674	ng	#	59
48) Acenaphthylene	13.65	152	975379	37.506	ng		98
49) Dimethylphthalate	13.42	163	863108	36.887	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	179037	37.838	ng	#	33
51) Acenaphthene	14.00	154	625683	38.856	ng		99
52) 3-Nitroaniline	13.87	138	123407	30.055	ng	#	10
53) 2,4-Dinitrophenol	14.07	184	256174	76.179	ng	#	64
54) Dibenzofuran	14.34	168	1093370	41.906	ng	#	87
55) 4-Nitrophenol	14.20	139	196839	54.564	ng	#	74
56) 2,4-Dinitrotoluene	14.33	165	275872	41.531	ng	#	64
57) Fluorene	15.00	166	904072	39.798	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	299399	43.602	ng	#	100
59) Diethylphthalate	14.80	149	901341	37.718	ng		96
60) 4-Chlorophenyl-phenylether	15.01	204	570474	41.594	ng		96
61) 4-Nitroaniline	15.04	138	121087	27.764	ng	#	1
62) Azobenzene	15.30	77	1383223	54.085	ng		85
64) 4,6-Dinitro-2-methylphenol	15.10	198	179831	35.143	ng		89
65) n-Nitrosodiphenylamine	15.23	169	773024	35.735	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	380800	39.189	ng	#	88
67) Hexachlorobenzene	16.00	284	385789	35.135	ng	#	83
68) Atrazine	16.20	200	247722	28.576	ng		97
69) Pentachlorophenol	16.36	266	484101	69.444	ng		97
70) Phenanthrene	16.74	178	1649891	41.686	ng		98
71) Anthracene	16.83	178	1658521	42.017	ng		99
72) Carbazole	17.12	167	1281579	37.125	ng		98
73) Di-n-butylphthalate	17.70	149	1607136	38.231	ng	#	96
74) Fluoranthene	18.77	202	2208704	45.031	ng		98
76) Benzidine	19.02	184	52873	2.072	ng	#	95
77) Pyrene	19.14	202	2359185	37.214	ng		98
79) Butylbenzylphthalate	20.09	149	808123	35.848	ng	#	52
80) Benzo(a)anthracene	20.91	228	2518263	41.337	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	213790	8.946	ng	#	90
82) Chrysene	20.96	228	2349166	40.172	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1146289	34.564	ng		100
84) Di-n-octyl phthalate	21.72	149	2033364	37.777	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.00	276	2790599	46.077	ng	#	95
87) Benzo(b)fluoranthene	22.39	252	2618713	42.889	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	2581961	44.120	ng	#	94
89) Benzo(a)pyrene	22.91	252	2482030	44.924	ng	#	93
90) Dibenzo(a,h)anthracene	25.02	278	2319568	45.288	ng	#	89
91) Benzo(g,h,i)perylene	25.61	276	2287134	45.476	ng	#	85

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

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