Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011353.D
Acq On : 25 Aug 2017 20:52
Operator : SJ/JU
Sample : I4943-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MS

Manual Integrations APPROVED
Sohil
8/28/2017 3:17:35 PM

Quant Time: Aug 26 01:06:27 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	7.26	152	95421	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	386033	20.00	ng		-0.03
38) Acenaphthene-d10	13.93	164	310540	20.00	ng		-0.02
63) Phenanthrene-d10	16.69	188	953963	20.00	ng		-0.02
75) Chrysene-d12	20.92	240	1323238	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1230817	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	609087	107.90	ng		-0.02
7) Phenol-d6	6.47	99	831082	103.62	ng		-0.02
23) Nitrobenzene-d5	8.41	82	945683	91.94	ng		-0.03
41) 2,4,6-Tribromophenol	15.44	330	587888	118.11	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	1707527	68.96	ng		-0.02
78) Terphenyl-d14	19.37	244	4300145	64.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	89088	35.151	ng	#	100
3) Pyridine	3.29	79	259976	37.554	ng		87
4) n-Nitrosodimethylamine	3.20	42	185962	52.712	ng	#	63
6) Aniline	6.62	93	164018	16.226	ng	#	83
8) 2-Chlorophenol	6.84	128	183129	31.955	ng	#	53
9) Benzaldehyde	6.43	77	161215	31.067	ng	#	66
10) Phenol	6.50	94	296251	34.008	ng		82
11) bis(2-Chloroethyl)ether	6.72	93	252155	37.150	ng	#	81
12) 1,3-Dichlorobenzene	7.15	146	206828	29.613	ng	#	62
13) 1,4-Dichlorobenzene	7.30	146	200952	28.069	ng	#	85
14) 1,2-Dichlorobenzene	7.61	146	195500	28.561	ng	#	87
15) Benzyl Alcohol	7.52	79	355858	46.252	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	278367	45.576	ng		82
17) 2-Methylphenol	7.72	107	205003	36.822	ng	#	55
18) Hexachloroethane	8.32	117	98014	31.394	ng	#	80
19) n-Nitroso-di-n-propylamine	8.07	70	326032	47.838	ng	#	90
20) 3+4-Methylphenols	8.05	107	271956	35.140	ng	#	67
22) Acetophenone	8.09	105	407579	35.222	ng	#	81
24) Nitrobenzene	8.45	77	477404	44.792	ng	#	74
25) Isophorone	8.97	82	734868	42.851	ng	#	82
26) 2-Nitrophenol	9.16	139	113431	33.447	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	206338	34.562	ng	#	60
28) bis(2-Chloroethoxy)methane	9.47	93	387849	40.549	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	233108	34.748	ng		90
30) 1,2,4-Trichlorobenzene	9.89	180	290570	35.031	ng		98
31) Naphthalene	10.07	128	657089	33.836	ng		97
32) Benzoic acid	9.38	122	121201	25.257	ng	#	26
33) 4-Chloroaniline	10.21	127	92160	11.896	ng	#	61
34) Hexachlorobutadiene	10.36	225	235456	36.040	ng		94
35) Caprolactam	10.99	113	62430m	32.815	ng		
36) 4-Chloro-3-methylphenol	11.34	107	326969	37.746	ng	#	68
37) 2-Methylnaphthalene	11.69	142	543640	38.107	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	432169	32.392	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	540998	69.589	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	274568	34.001	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	294972	35.465	ng	#	84
45) 1,1'-Biphenyl	12.75	154	811527	30.222	ng		94
46) 2-Chloronaphthalene	12.79	162	648714	32.790	ng	#	93
47) 2-Nitroaniline	13.01	65	347239	49.612	ng	#	54
48) Acenaphthylene	13.64	152	1007164	34.112	ng		98
49) Dimethylphthalate	13.42	163	912104	34.334	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	186737	34.761	ng	#	36
51) Acenaphthene	14.00	154	645355	35.301	ng		98
52) 3-Nitroaniline	13.86	138	156296	33.528	ng	#	4
53) 2,4-Dinitrophenol	14.07	184	292492	76.612	ng	#	71
54) Dibenzofuran	14.34	168	1163844	39.290	ng	#	90
55) 4-Nitrophenol	14.20	139	223506	54.571	ng	#	47
56) 2,4-Dinitrotoluene	14.33	165	296608	39.330	ng	#	54
57) Fluorene	14.99	166	982007	38.076	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.57	232	331318	42.499	ng	#	100
59) Diethylphthalate	14.80	149	995356	36.688	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	598402	38.429	ng		98
61) 4-Nitroaniline	15.04	138	137093	27.687	ng	#	1
62) Azobenzene	15.29	77	1619321	55.769	ng		80
64) 4,6-Dinitro-2-methylphenol	15.10	198	223380	34.589	ng		92
65) n-Nitrosodiphenylamine	15.22	169	888273	32.536	ng		98
66) 4-Bromophenyl-phenylether	15.90	248	411569	33.560	ng	#	90
67) Hexachlorobenzene	16.00	284	430939	31.097	ng	#	82
68) Atrazine	16.20	200	398730	36.445	ng		95
69) Pentachlorophenol	16.35	266	574610	65.312	ng		97
70) Phenanthrene	16.73	178	1856791	37.172	ng		99
71) Anthracene	16.83	178	1889064	37.920	ng		99
72) Carbazole	17.11	167	1620953	37.206	ng		99
73) Di-n-butylphthalate	17.70	149	1933607	36.446	ng	#	96
74) Fluoranthene	18.77	202	2615166	42.247	ng		98
76) Benzidine	18.99	184	998829	31.553	ng		98
77) Pyrene	19.14	202	2738189	34.826	ng		99
79) Butylbenzylphthalate	20.09	149	978583	35.001	ng	#	58
80) Benzo(a)anthracene	20.90	228	2837435	37.554	ng		100
81) 3,3'-Dichlorobenzidine	20.86	252	634936	21.421	ng	#	95
82) Chrysene	20.96	228	2633609	36.312	ng		98
83) Bis(2-ethylhexyl)phthalate	20.87	149	1397142	33.968	ng	#	98
84) Di-n-octyl phthalate	21.72	149	2335127	34.980	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	2828694	37.659	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2748020	34.787	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2695119	35.596	ng	#	95
89) Benzo(a)pyrene	22.90	252	2656786	37.168	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2310151	34.862	ng	#	90
91) Benzo(g,h,i)perylene	25.60	276	2301158	35.365	ng	#	86

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

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