Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011360.D
Acq On : 28 Aug 2017 14:22
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
8/29/2017 6:00:33 PM

Quant Time: Aug 28 17:26:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM082817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:34:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	34155	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	158940	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	139294	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	456472	20.00	ng		0.00
75) Chrysene-d12	20.92	240	919140	20.00	ng		0.00
86) Perylene-d12	22.99	264	1143488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	96130	47.58	ng		0.00
7) Phenol-d6	6.46	99	178904	62.32	ng		0.00
23) Nitrobenzene-d5	8.40	82	264059	62.35	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	125337	56.14	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	496609	44.71	ng		0.00
78) Terphenyl-d14	19.36	244	1667141	35.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	25293	27.881	ng	#	100
3) Pyridine	3.29	79	94152	37.996	ng	#	85
4) n-Nitrosodimethylamine	3.20	42	44867	35.531	ng	#	60
6) Aniline	6.61	93	126142	34.864	ng	#	82
8) 2-Chlorophenol	6.83	128	54128	26.387	ng	#	61
9) Benzaldehyde	6.42	77	76826	41.361	ng	#	69
10) Phenol	6.49	94	102812	32.973	ng		94
11) bis(2-Chloroethyl)ether	6.72	93	77645	31.959	ng		95
12) 1,3-Dichlorobenzene	7.15	146	62806	25.123	ng	#	70
13) 1,4-Dichlorobenzene	7.30	146	63088	24.619	ng	#	81
14) 1,2-Dichlorobenzene	7.60	146	61843	25.241	ng	#	87
15) Benzyl Alcohol	7.51	79	97338	35.345	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.79	45	79144	36.201	ng		89
17) 2-Methylphenol	7.72	107	63128	31.678	ng	#	69
18) Hexachloroethane	8.31	117	28534	25.533	ng	#	71
19) n-Nitroso-di-n-propylamine	8.07	70	107234	43.957	ng	#	87
20) 3+4-Methylphenols	8.05	107	85399	30.828	ng	#	68
22) Acetophenone	8.08	105	131863	27.677	ng	#	84
24) Nitrobenzene	8.45	77	141376	32.217	ng	#	75
25) Isophorone	8.97	82	235392	33.338	ng	#	83
26) 2-Nitrophenol	9.15	139	34309	24.571	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	66652	27.116	ng	#	74
28) bis(2-Chloroethoxy)methane	9.46	93	120977	30.720	ng	#	92
29) 2,4-Dichlorophenol	9.69	162	69979	25.336	ng		89
30) 1,2,4-Trichlorobenzene	9.89	180	86830	25.425	ng		93
31) Naphthalene	10.06	128	207172	25.910	ng		95
32) Benzoic acid	9.34	122	60701	30.723	ng	#	48
33) 4-Chloroaniline	10.20	127	87751	27.511	ng	#	60
34) Hexachlorobutadiene	10.36	225	72344	26.895	ng		96
35) Caprolactam	10.97	113	30043	38.355	ng	#	82
36) 4-Chloro-3-methylphenol	11.34	107	115608	32.415	ng	#	62
37) 2-Methylnaphthalene	11.69	142	162264	27.625	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.07	216	140111	23.412	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	53962	15.475	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	91934	25.380	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	95391	25.569	ng	#	77
45) 1,1'-Biphenyl	12.75	154	273983	22.748	ng		97
46) 2-Chloronaphthalene	12.78	162	209462	23.603	ng	#	87
47) 2-Nitroaniline	13.01	65	117743	37.504	ng	#	63
48) Acenaphthylene	13.64	152	323112	24.397	ng		99
49) Dimethylphthalate	13.41	163	312069	26.189	ng	#	96
50) 2,6-Dinitrotoluene	13.53	165	64749	26.871	ng	#	40
51) Acenaphthene	13.99	154	211386	25.778	ng		91
52) 3-Nitroaniline	13.86	138	58994	28.213	ng	#	9
53) 2,4-Dinitrophenol	14.07	184	48660	28.414	ng	#	64
54) Dibenzofuran	14.33	168	343319	25.839	ng	#	91
55) 4-Nitrophenol	14.23	139	42980m	23.395	ng		
56) 2,4-Dinitrotoluene	14.33	165	95335	28.182	ng	#	39
57) Fluorene	14.99	166	316864	27.390	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.57	232	102226	29.234	ng	#	100
59) Diethylphthalate	14.80	149	322875	26.532	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	190777	27.314	ng		97
61) 4-Nitroaniline	15.04	138	55908	25.172	ng	#	1
62) Azobenzene	15.29	77	465166	35.715	ng		82
64) 4,6-Dinitro-2-methylphenol	15.09	198	82386	26.660	ng		94
65) n-Nitrosodiphenylamine	15.22	169	289822	22.186	ng		96
66) 4-Bromophenyl-phenylether	15.90	248	128286	21.861	ng	#	90
67) Hexachlorobenzene	16.00	284	148074	22.331	ng	#	82
68) Atrazine	16.19	200	127940	24.439	ng		95
69) Pentachlorophenol	16.36	266	116309	27.628	ng		92
70) Phenanthrene	16.73	178	625763	26.181	ng		97
71) Anthracene	16.83	178	610570	25.614	ng		98
72) Carbazole	17.11	167	608973	29.212	ng		99
73) Di-n-butylphthalate	17.69	149	641189	25.257	ng	#	93
74) Fluoranthene	18.77	202	1019875	34.432	ng		98
76) Benzidine	18.99	184	198988m	9.050	ng		
77) Pyrene	19.13	202	1083922	19.847	ng		100
79) Butylbenzylphthalate	20.08	149	390606	20.113	ng	#	44
80) Benzo(a)anthracene	20.90	228	1372496	26.152	ng		100
81) 3,3'-Dichlorobenzidine	20.86	252	550805	26.753	ng	#	98
82) Chrysene	20.96	228	1334662	26.493	ng		98
83) Bis(2-ethylhexyl)phthalate	20.87	149	587075	20.549	ng		96
84) Di-n-octyl phthalate	21.71	149	1105160	23.834	ng	#	90
85) Indeno(1,2,3-cd)pyrene	24.99	276	2025604	38.824	ng	#	95
87) Benzo(b)fluoranthene	22.38	252	1695027	23.096	ng	#	92
88) Benzo(k)fluoranthene	22.42	252	1584309	22.523	ng	#	95
89) Benzo(a)pyrene	22.90	252	1653220	24.895	ng	#	96
90) Dibenzo(a,h)anthracene	25.00	278	1719149	27.925	ng	#	91
91) Benzo(g,h,i)perylene	25.60	276	1777538	29.404	ng	#	83

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

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