Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011365.D
Acq On : 28 Aug 2017 17:30
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICV040

Quant Time: Aug 28 18:00:46 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 17:45:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	22019	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	111806	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	108698	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	357067	20.00	ng		0.00
75) Chrysene-d12	20.92	240	818131	20.00	ng		0.00
86) Perylene-d12	22.99	264	1076753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	114321	86.06	ng		0.00
7) Phenol-d6	6.47	99	200552	85.29	ng		0.00
23) Nitrobenzene-d5	8.41	82	326141	87.51	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	154712	80.86	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	577903	74.38	ng		0.00
78) Terphenyl-d14	19.36	244	2220511	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	27917	42.756	ng	#	100
3) Pyridine	3.29	79	100369	40.650	ng	#	82
4) n-Nitrosodimethylamine	3.20	42	52683	41.423	ng	#	63
6) Aniline	6.61	93	143557	43.615	ng	#	75
8) 2-Chlorophenol	6.83	128	58400	41.580	ng	#	46
9) Benzaldehyde	6.43	77	83038	43.189	ng	#	63
10) Phenol	6.49	94	120280	44.763	ng		86
11) bis(2-Chloroethyl)ether	6.71	93	84565	43.019	ng	#	77
12) 1,3-Dichlorobenzene	7.15	146	67481	40.816	ng	#	66
13) 1,4-Dichlorobenzene	7.30	146	69235	40.794	ng	#	83
14) 1,2-Dichlorobenzene	7.60	146	74278	44.369	ng	#	81
15) Benzyl Alcohol	7.52	79	123827	43.752	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	7.79	45	90732	41.771	ng		79
17) 2-Methylphenol	7.72	107	72519	42.853	ng	#	62
18) Hexachloroethane	8.32	117	31808	40.606	ng	#	86
19) n-Nitroso-di-n-propylamine	8.07	70	117156	41.989	ng	#	93
20) 3+4-Methylphenols	8.05	107	104020	42.531	ng	#	73
22) Acetophenone	8.08	105	152375	41.229	ng	#	84
24) Nitrobenzene	8.45	77	171445	42.309	ng	#	79
25) Isophorone	8.97	82	271571	40.560	ng	#	82
26) 2-Nitrophenol	9.15	139	40971	41.031	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	76477	43.663	ng	#	71
28) bis(2-Chloroethoxy)methane	9.47	93	131543	40.465	ng	#	95
29) 2,4-Dichlorophenol	9.69	162	83403	39.761	ng		95
30) 1,2,4-Trichlorobenzene	9.89	180	99840	40.530	ng		88
31) Naphthalene	10.06	128	244845	41.278	ng		98
32) Benzoic acid	9.35	122	72297	40.307	ng	#	43
33) 4-Chloroaniline	10.20	127	107636	42.264	ng	#	51
34) Hexachlorobutadiene	10.36	225	76756	37.369	ng		99
35) Caprolactam	10.97	113	34886	41.333	ng	#	81
36) 4-Chloro-3-methylphenol	11.34	107	139577	42.280	ng	#	72
37) 2-Methylnaphthalene	11.69	142	196768	41.645	ng	#	77
39) 1,2,4,5-Tetrachlorobenzene	12.07	216	160542	37.771	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	61194	36.438	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	108844	38.734	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	106198	35.864	ng	#	85
45) 1,1'-Biphenyl	12.75	154	319841	38.091	ng		96
46) 2-Chloronaphthalene	12.78	162	253757	37.914	ng		92
47) 2-Nitroaniline	13.01	65	153996	40.297	ng	#	53
48) Acenaphthylene	13.65	152	389798	37.944	ng		98
49) Dimethylphthalate	13.41	163	361579	37.605	ng	#	98
50) 2,6-Dinitrotoluene	13.52	165	80351	40.105	ng	#	37
51) Acenaphthene	13.99	154	244339	37.412	ng		93
52) 3-Nitroaniline	13.86	138	76196	40.556	ng	#	9
53) 2,4-Dinitrophenol	14.07	184	72885	43.134	ng	#	63
54) Dibenzofuran	14.33	168	421085	39.140	ng	#	89
55) 4-Nitrophenol	14.21	139	59146	39.942	ng	#	89
56) 2,4-Dinitrotoluene	14.32	165	127778	41.484	ng	#	49
57) Fluorene	14.99	166	390569	38.817	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.57	232	127755	38.721	ng	#	100
59) Diethylphthalate	14.80	149	387850	38.241	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	229751	38.425	ng		99
61) 4-Nitroaniline	15.03	138	67840	36.541	ng	#	1
62) Azobenzene	15.29	77	562664	39.514	ng		84
64) 4,6-Dinitro-2-methylphenol	15.09	198	110319	41.227	ng		86
65) n-Nitrosodiphenylamine	15.22	169	374617	40.341	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	161224	38.920	ng	#	90
67) Hexachlorobenzene	16.00	284	179433	38.393	ng	#	81
68) Atrazine	16.19	200	155457	39.319	ng		97
69) Pentachlorophenol	16.35	266	148014	40.766	ng		96
70) Phenanthrene	16.73	178	786488	39.595	ng		99
71) Anthracene	16.82	178	796502	40.965	ng		99
72) Carbazole	17.11	167	778046	41.575	ng		99
73) Di-n-butylphthalate	17.70	149	802209	39.727	ng	#	95
74) Fluoranthene	18.77	202	1308967	41.328	ng		98
76) Benzidine	18.99	184	430883	44.291	ng		97
77) Pyrene	19.13	202	1453210	37.565	ng		98
79) Butylbenzylphthalate	20.08	149	511791	37.508	ng	#	54
80) Benzo(a)anthracene	20.90	228	1928591	40.005	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	786231	40.966	ng	#	98
82) Chrysene	20.96	228	1846571	39.820	ng		99
83) Bis(2-ethylhexyl)phthalate	20.87	149	765002	36.022	ng	#	96
84) Di-n-octyl phthalate	21.72	149	1519997	39.323	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	3130711	44.244	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2458379	38.440	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	2348531	39.648	ng	#	95
89) Benzo(a)pyrene	22.90	252	2424057	39.064	ng	#	97
90) Dibenzo(a,h)anthracene	25.01	278	2647104	40.618	ng	#	90
91) Benzo(g,h,i)perylene	25.60	276	2799546	41.684	ng	#	84

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

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