Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011180.D
Acq On : 09 Aug 2017 18:33
Operator : SJ/JU
Sample : I4625-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-1MSD

Manual Integrations APPROVED
Sohil
8/10/2017 6:11:49 PM

Quant Time: Aug 10 02:02:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	158777	20.00	ng		-0.09
21) Naphthalene-d8	10.06	136	605952	20.00	ng		-0.09
38) Acenaphthene-d10	13.96	164	389963	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	984897	20.00	ng		-0.09
75) Chrysene-d12	20.95	240	1332311	20.00	ng		-0.08
86) Perylene-d12	23.03	264	613199	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1387849	147.76	ng		-0.09
7) Phenol-d6	6.50	99	1787017	133.91	ng		-0.09
23) Nitrobenzene-d5	8.45	82	1750222	108.41	ng		-0.09
41) 2,4,6-Tribromophenol	15.47	330	971064	155.36	ng		-0.08
44) 2-Fluorobiphenyl	12.57	172	3113982	100.15	ng		-0.09
78) Terphenyl-d14	19.39	244	5552092	82.55	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	196856	46.679	ng	#	100
3) Pyridine	3.33	79	505402	43.875	ng	#	86
4) n-Nitrosodimethylamine	3.23	42	314489	53.573	ng	#	76
6) Aniline	6.66	93	319586	19.001	ng	#	86
8) 2-Chlorophenol	6.87	128	420954	44.144	ng	#	75
9) Benzaldehyde	6.46	77	315146	36.498	ng	#	69
10) Phenol	6.53	94	608792	42.000	ng		96
11) bis(2-Chloroethyl)ether	6.75	93	553886	49.042	ng		92
12) 1,3-Dichlorobenzene	7.19	146	503128	43.292	ng	#	78
13) 1,4-Dichlorobenzene	7.33	146	525714	44.131	ng	#	90
14) 1,2-Dichlorobenzene	7.64	146	495292	43.486	ng	#	88
15) Benzyl Alcohol	7.55	79	580710	45.360	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.84	45	526727	51.827	ng		77
17) 2-Methylphenol	7.76	107	427590	46.156	ng	#	74
18) Hexachloroethane	8.35	117	236727	45.568	ng	#	86
19) n-Nitroso-di-n-propylamine	8.11	70	569907	50.254	ng	#	90
20) 3+4-Methylphenols	8.09	107	534925	41.539	ng	#	78
22) Acetophenone	8.12	105	867815	47.777	ng	#	90
24) Nitrobenzene	8.49	77	854659	51.085	ng	#	85
25) Isophorone	9.01	82	1386969	51.523	ng	#	84
26) 2-Nitrophenol	9.19	139	244950	46.015	ng	#	11
27) 2,4-Dimethylphenol	9.27	122	414190	44.199	ng	#	67
28) bis(2-Chloroethoxy)methane	9.50	93	690606	45.998	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	464041	44.067	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	630238	48.405	ng		98
31) Naphthalene	10.10	128	1419667	46.572	ng		98
32) Benzoic acid	9.42	122	256687	34.078	ng	#	53
33) 4-Chloroaniline	10.25	127	186335	15.323	ng	#	72
34) Hexachlorobutadiene	10.39	225	492564	48.032	ng		95
35) Caprolactam	11.03	113	125073m	41.883	ng		
36) 4-Chloro-3-methylphenol	11.37	107	583282	42.897	ng	#	70
37) 2-Methylnaphthalene	11.73	142	1090027	48.676	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	812386	48.489	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	1065925	109.186	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	480356	47.369	ng		100
43) 2,4,5-Trichlorophenol	12.44	196	486371	46.568	ng	#	87
45) 1,1'-Biphenyl	12.79	154	1483385	43.992	ng		96
46) 2-Chloronaphthalene	12.82	162	1187103	47.782	ng	#	94
47) 2-Nitroaniline	13.04	65	486925	55.400	ng	#	64
48) Acenaphthylene	13.68	152	1732043	46.715	ng		99
49) Dimethylphthalate	13.44	163	1513942	45.382	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	320737	47.545	ng	#	42
51) Acenaphthene	14.03	154	1073622	46.766	ng		95
52) 3-Nitroaniline	13.89	138	215324	36.783	ng	#	27
53) 2,4-Dinitrophenol	14.10	184	431526	90.008	ng	#	78
54) Dibenzofuran	14.37	168	1896326	50.979	ng	#	90
55) 4-Nitrophenol	14.22	139	396872	77.165	ng	#	85
56) 2,4-Dinitrotoluene	14.36	165	467247	49.338	ng	#	77
57) Fluorene	15.03	166	1538390	47.500	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.60	232	526037	53.734	ng	#	100
59) Diethylphthalate	14.83	149	1599222	46.940	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	927584	47.437	ng		99
61) 4-Nitroaniline	15.06	138	134741	21.670	ng	#	1
62) Azobenzene	15.33	77	2140341	58.700	ng		87
64) 4,6-Dinitro-2-methylphenol	15.12	198	321344	48.195	ng		92
65) n-Nitrosodiphenylamine	15.25	169	886005	31.434	ng		100
66) 4-Bromophenyl-phenylether	15.93	248	615968	48.650	ng	#	91
67) Hexachlorobenzene	16.03	284	641103	44.810	ng	#	90
68) Atrazine	16.24	200	32277	2.858	ng		97
69) Pentachlorophenol	16.38	266	893545	98.373	ng		96
70) Phenanthrene	16.76	178	2625757	50.915	ng		100
71) Anthracene	16.86	178	2627347	51.083	ng		99
72) Carbazole	17.14	167	882300	19.616	ng		99
73) Di-n-butylphthalate	17.73	149	2704941	49.383	ng	#	97
74) Fluoranthene	18.80	202	3525310	55.161	ng		99
77) Pyrene	19.17	202	3567595	45.066	ng		99
79) Butylbenzylphthalate	20.11	149	1347923	47.883	ng	#	60
80) Benzo(a)anthracene	20.93	228	3853829	50.659	ng		98
81) 3,3'-Dichlorobenzidine	20.89	252	102888	3.448	ng	#	98
82) Chrysene	20.99	228	3547131	48.575	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1928283	46.562	ng	#	96
84) Di-n-octyl phthalate	21.74	149	3235215	48.133	ng		96
85) Indeno(1,2,3-cd)pyrene	25.06	276	3423182	45.264	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	3763845	95.636	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	3570421	94.654	ng	#	95
89) Benzo(a)pyrene	22.94	252	3097566	86.981	ng	#	94
90) Dibenzo(a,h)anthracene	25.07	278	3104116	94.026	ng	#	90
91) Benzo(g,h,i)perylene	25.67	276	2785315m	85.920	ng		

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

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