Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098284.D
Acq On : 6 Sep 2017 20:38
Operator : SJ/JU
Sample : I5095-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDMSD

Manual Integrations APPROVED
Sohil
9/7/2017 5:44:35 PM

Quant Time: Sep 07 05:53:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121678	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	459332	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	180425	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	283743	20.00	ng		0.00
75) Chrysene-d12	13.86	240	212834	20.00	ng		0.00
86) Perylene-d12	15.27	264	187680	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	688162	86.03	ng		0.01
7) Phenol-d6	6.35	99	919786	84.62	ng		0.00
23) Nitrobenzene-d5	7.27	82	558834	66.09	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	125638	80.26	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	723362	58.90	ng		-0.01
78) Terphenyl-d14	12.80	244	451293	44.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	111501	24.993	ng	#	86
3) Pyridine	3.10	79	304267	24.671	ng	#	84
4) n-Nitrosodimethylamine	3.04	42	117070	24.670	ng	#	69
6) Aniline	6.39	93	50317	3.295	ng	#	89
8) 2-Chlorophenol	6.49	128	248686	29.478	ng		96
9) Benzaldehyde	6.25	77	69872	10.149	ng		95
10) Phenol	6.36	94	357814	28.148	ng		90
11) bis(2-Chloroethyl)ether	6.44	93	485774	50.631	ng		91
12) 1,3-Dichlorobenzene	6.64	146	250479	27.603	ng		96
13) 1,4-Dichlorobenzene	6.72	146	257818	27.935	ng		95
14) 1,2-Dichlorobenzene	6.87	146	237252	27.880	ng		99
15) Benzyl Alcohol	6.85	79	217556	26.735	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	336126	26.038	ng		73
17) 2-Methylphenol	6.97	107	215899	29.040	ng	#	92
18) Hexachloroethane	7.20	117	83003	22.939	ng	#	78
19) n-Nitroso-di-n-propylamine	7.12	70	197251	26.511	ng		89
20) 3+4-Methylphenols	7.12	107	280628	30.905	ng	#	69
22) Acetophenone	7.11	105	370850	30.562	ng	#	83
24) Nitrobenzene	7.29	77	299776	31.842	ng		96
25) Isophorone	7.52	82	526717	29.958	ng		96
26) 2-Nitrophenol	7.60	139	109975	33.969	ng	#	83
27) 2,4-Dimethylphenol	7.65	122	217959	29.725	ng		93
28) bis(2-Chloroethoxy)methane	7.73	93	345428	29.884	ng		99
29) 2,4-Dichlorophenol	7.85	162	186725	30.678	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	192622	28.547	ng		99
31) Naphthalene	8.00	128	756146	31.709	ng		99
32) Benzoic acid	7.77	122	99918	22.612	ng		89
33) 4-Chloroaniline	8.07	127	182670	18.164	ng		98
34) Hexachlorobutadiene	8.12	225	109529	27.802	ng		98
35) Caprolactam	8.43	113	59952	28.973	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	211031	26.985	ng	#	78
37) 2-Methylnaphthalene	8.69	142	463097	31.676	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	171943	31.052	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	115876	31.170	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	115322	31.269	ng		96
45) 1,1'-Biphenyl	9.16	154	499156	30.338	ng		95
46) 2-Chloronaphthalene	9.18	162	352945	29.033	ng	#	91
47) 2-Nitroaniline	9.28	65	137188	33.662	ng		95
48) Acenaphthylene	9.60	152	698833	36.606	ng		100
49) Dimethylphthalate	9.46	163	546235	41.417	ng		98
50) 2,6-Dinitrotoluene	9.53	165	80420	30.548	ng	#	77
51) Acenaphthene	9.77	154	390401	32.425	ng		99
52) 3-Nitroaniline	9.69	138	80762	23.778	ng		90
53) 2,4-Dinitrophenol	9.81	184	5070	13.677	ng	#	85
54) Dibenzofuran	9.94	168	524878	32.527	ng		98
55) 4-Nitrophenol	9.87	139	118383	43.693	ng	#	43
56) 2,4-Dinitrotoluene	9.93	165	89904	27.213	ng	#	45
57) Fluorene	10.28	166	450529	36.112	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.06	232	83510	29.246	ng		92
59) Diethylphthalate	10.16	149	424741	30.797	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	165077	28.482	ng		87
61) 4-Nitroaniline	10.30	138	86746	26.872	ng		80
62) Azobenzene	10.43	77	454071	27.717	ng		91
64) 4,6-Dinitro-2-methylphenol	10.34	198	4443	11.068	ng		87
65) n-Nitrosodiphenylamine	10.39	169	317989	32.910	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	94876	32.200	ng		94
67) Hexachlorobenzene	10.83	284	85780	28.562	ng	#	85
68) Atrazine	10.93	200	80063	31.245	ng		95
69) Pentachlorophenol	11.03	266	78936	45.079	ng		99
70) Phenanthrene	11.25	178	1390817	91.986	ng		100
71) Anthracene	11.29	178	772697	50.386	ng		99
72) Carbazole	11.45	167	531470	36.510	ng		97
73) Di-n-butylphthalate	11.79	149	562124	33.525	ng		99
74) Fluoranthene	12.44	202	2177107	137.952	ng		98
77) Pyrene	12.67	202	1959369	112.560	ng		98
79) Butylbenzylphthalate	13.28	149	229462	34.381	ng	#	77
80) Benzo(a)anthracene	13.86	228	1297274	101.699	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	52757	12.257	ng	#	96
82) Chrysene	13.89	228	1219877	96.134	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	391851	52.985	ng	#	100
84) Di-n-octyl phthalate	14.45	149	542534	42.162	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.66	276	663138	71.040	ng		94
87) Benzo(b)fluoranthene	14.89	252	1383867	116.979	ng		98
88) Benzo(k)fluoranthene	14.91	252	578694m	52.067	ng		
89) Benzo(a)pyrene	15.23	252	984107	93.967	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	306075	35.899	ng		98
91) Benzo(g,h,i)perylene	17.07	276	563970	63.394	ng		94

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

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