Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098283.D
Acq On : 6 Sep 2017 20:10
Operator : SJ/JU
Sample : I5095-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDMS

Manual Integrations APPROVED
Sohil
9/7/2017 5:44:33 PM

Quant Time: Sep 07 05:43:45 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	114173	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	440798	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	178889	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	284634	20.00	ng		0.00
75) Chrysene-d12	13.86	240	202732	20.00	ng		0.00
86) Perylene-d12	15.27	264	187384	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	679891	90.58	ng		0.00
7) Phenol-d6	6.35	99	921868	90.39	ng		0.00
23) Nitrobenzene-d5	7.26	82	556380	68.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	131364	84.63	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	716381	58.84	ng		-0.01
78) Terphenyl-d14	12.80	244	448284	46.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	104074	24.862	ng	#	89
3) Pyridine	3.07	79	279067	24.115	ng	#	85
4) n-Nitrosodimethylamine	3.01	42	117650	26.422	ng	#	76
6) Aniline	6.38	93	44795	3.127	ng	#	76
8) 2-Chlorophenol	6.49	128	242994	30.697	ng		99
9) Benzaldehyde	6.24	77	66255	10.256	ng		90
10) Phenol	6.36	94	352450	29.549	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	450714	50.065	ng		90
12) 1,3-Dichlorobenzene	6.63	146	237704m	27.917	ng		
13) 1,4-Dichlorobenzene	6.72	146	247217	28.547	ng		96
14) 1,2-Dichlorobenzene	6.87	146	224733	28.144	ng		97
15) Benzyl Alcohol	6.85	79	223256	29.239	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	331964	27.406	ng		80
17) 2-Methylphenol	6.97	107	213552	30.613	ng	#	92
18) Hexachloroethane	7.20	117	81734	24.073	ng	#	80
19) n-Nitroso-di-n-propylamine	7.12	70	196777	28.185	ng		89
20) 3+4-Methylphenols	7.12	107	284839	33.431	ng	#	67
22) Acetophenone	7.11	105	367801	31.585	ng	#	84
24) Nitrobenzene	7.28	77	299070	33.103	ng		93
25) Isophorone	7.52	82	521404	30.903	ng		96
26) 2-Nitrophenol	7.60	139	114438	36.390	ng	#	81
27) 2,4-Dimethylphenol	7.65	122	217179	30.864	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	342003	30.832	ng		99
29) 2,4-Dichlorophenol	7.85	162	186931	32.003	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	189421	29.253	ng		99
31) Naphthalene	8.00	128	762037	33.300	ng		99
32) Benzoic acid	7.77	122	100782	23.439	ng		93
33) 4-Chloroaniline	8.07	127	166341	17.235	ng		99
34) Hexachlorobutadiene	8.12	225	103663	27.419	ng		97
35) Caprolactam	8.43	113	61463	30.952	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	213642	28.468	ng	#	79
37) 2-Methylnaphthalene	8.69	142	479245	34.159	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	173801	31.657	ng		99
40) Hexachlorocyclopentadiene	8.84	237	6418	2.433	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	116348	31.566	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	120029	32.825	ng		98
45) 1,1'-Biphenyl	9.16	154	512301	31.404	ng		95
46) 2-Chloronaphthalene	9.18	162	357017	29.620	ng	#	92
47) 2-Nitroaniline	9.28	65	140211	34.699	ng		94
48) Acenaphthylene	9.60	152	703163	37.149	ng		99
49) Dimethylphthalate	9.46	163	546680	41.807	ng		98
50) 2,6-Dinitrotoluene	9.53	165	84560	32.397	ng	#	72
51) Acenaphthene	9.77	154	413155	34.610	ng		99
52) 3-Nitroaniline	9.69	138	76461	22.705	ng		90
53) 2,4-Dinitrophenol	9.80	184	8915	16.412	ng	#	83
54) Dibenzofuran	9.94	168	616625	38.541	ng		98
55) 4-Nitrophenol	9.87	139	127738	47.550	ng	#	47
56) 2,4-Dinitrotoluene	9.93	165	97977	29.911	ng	#	50
57) Fluorene	10.28	166	568756	45.980	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	90392	31.928	ng		92
59) Diethylphthalate	10.16	149	427667	31.275	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	168584	29.337	ng	#	85
61) 4-Nitroaniline	10.30	138	86009	26.872	ng		78
62) Azobenzene	10.43	77	453323	27.909	ng		89
64) 4,6-Dinitro-2-methylphenol	10.34	198	7362	12.858	ng		97
65) n-Nitrosodiphenylamine	10.39	169	328427	33.884	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	99978	33.825	ng		95
67) Hexachlorobenzene	10.83	284	89736	29.786	ng	#	83
68) Atrazine	10.93	200	84514	32.879	ng		96
69) Pentachlorophenol	11.03	266	83795	47.704	ng		98
70) Phenanthrene	11.25	178	1786242	117.769	ng		99
71) Anthracene	11.30	178	869498	56.521	ng		99
72) Carbazole	11.45	167	582329	39.879	ng		97
73) Di-n-butylphthalate	11.79	149	611715	36.368	ng		99
74) Fluoranthene	12.44	202	2372887	149.887	ng		99
77) Pyrene	12.67	202	2129576	128.434	ng		98
79) Butylbenzylphthalate	13.28	149	307792	48.416	ng	#	77
80) Benzo(a)anthracene	13.86	228	1369709	112.728	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	34039	8.302	ng		99
82) Chrysene	13.89	228	1254606	103.798	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	402904	57.194	ng	#	100
84) Di-n-octyl phthalate	14.45	149	526501	42.954	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.66	276	692328	77.863	ng		92
87) Benzo(b)fluoranthene	14.89	252	1524823m	129.098	ng		
88) Benzo(k)fluoranthene	14.91	252	597884m	53.879	ng		
89) Benzo(a)pyrene	15.23	252	1054867	100.883	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	320626	37.665	ng		98
91) Benzo(g,h,i)perylene	17.06	276	596420	67.147	ng		95

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

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