Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098757.D
Acq On : 23 Sep 2017 23:49
Operator : SJ/JU
Sample : I5304-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-2(0-5)MS

Quant Time: Sep 25 05:00:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160260	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	622949	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	240438	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	348458	20.00	ng		0.00
75) Chrysene-d12	14.09	240	298364	20.00	ng		0.00
86) Perylene-d12	15.58	264	265328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	883066	87.72	ng		0.00
7) Phenol-d6	6.55	99	1047451	84.34	ng		0.00
23) Nitrobenzene-d5	7.49	82	586467	60.37	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	146029	74.22	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	926899	64.36	ng		0.00
78) Terphenyl-d14	13.03	244	659004	50.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	120978	25.157	ng		98
3) Pyridine	3.57	79	329344	25.316	ng		98
4) n-Nitrosodimethylamine	3.51	42	159727	28.954	ng		99
6) Aniline	6.59	93	367361	21.917	ng		98
8) 2-Chlorophenol	6.71	128	315608	27.683	ng		97
9) Benzaldehyde	6.47	77	103528	14.371	ng		96
10) Phenol	6.56	94	423658	30.503	ng		95
11) bis(2-Chloroethyl)ether	6.66	93	302647	28.029	ng		98
12) 1,3-Dichlorobenzene	6.86	146	300293	25.151	ng		97
13) 1,4-Dichlorobenzene	6.94	146	306272	25.212	ng		99
14) 1,2-Dichlorobenzene	7.09	146	285955	25.476	ng		98
15) Benzyl Alcohol	7.06	79	267973	29.413	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	461561	27.437	ng		99
17) 2-Methylphenol	7.17	107	256119	27.456	ng		99
18) Hexachloroethane	7.44	117	87329	20.000	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	215819	27.219	ng		96
20) 3+4-Methylphenols	7.32	107	329636	27.933	ng		97
22) Acetophenone	7.33	105	428065	28.362	ng	#	95
24) Nitrobenzene	7.50	77	308346	27.983	ng		98
25) Isophorone	7.74	82	567541	28.259	ng		98
26) 2-Nitrophenol	7.82	139	130953	24.714	ng		91
27) 2,4-Dimethylphenol	7.85	122	252145	25.197	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	375527	30.005	ng		99
29) 2,4-Dichlorophenol	8.06	162	235446	27.404	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	227746	26.504	ng		99
31) Naphthalene	8.23	128	790188	27.008	ng		99
33) 4-Chloroaniline	8.27	127	245399	20.085	ng		100
34) Hexachlorobutadiene	8.34	225	113585	25.663	ng		99
35) Caprolactam	8.63	113	62474	22.669	ng		96
36) 4-Chloro-3-methylphenol	8.75	107	244949	25.365	ng		97
37) 2-Methylnaphthalene	8.92	142	514839	27.069	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	193808	27.028	ng		100
40) Hexachlorocyclopentadiene	9.07	237	48952	14.938	ng		99
42) 2,4,6-Trichlorophenol	9.19	196	145463	28.635	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	144720	28.539	ng		98
45) 1,1'-Biphenyl	9.38	154	572060	27.684	ng		99
46) 2-Chloronaphthalene	9.41	162	441210	28.437	ng		97
47) 2-Nitroaniline	9.50	65	146637	30.866	ng		96
48) Acenaphthylene	9.82	152	635450	26.755	ng		99
49) Dimethylphthalate	9.67	163	667507	36.783	ng		99
50) 2,6-Dinitrotoluene	9.74	165	104928	26.559	ng		97
51) Acenaphthene	9.99	154	375443	24.954	ng		100
52) 3-Nitroaniline	9.91	138	128118	27.812	ng		93
53) 2,4-Dinitrophenol	10.01	184	2954	7.159	ng	#	44
54) Dibenzofuran	10.17	168	559268	27.919	ng		100
55) 4-Nitrophenol	10.06	139	165426	42.470	ng		99
56) 2,4-Dinitrotoluene	10.14	165	124734	24.327	ng		98
57) Fluorene	10.51	166	417660	25.940	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	91818	26.211	ng		96
59) Diethylphthalate	10.37	149	505974	28.534	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	192754	26.651	ng		99
61) 4-Nitroaniline	10.52	138	115969	26.094	ng		96
62) Azobenzene	10.66	77	446663	27.396	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	6608	3.117	ng		98
65) n-Nitrosodiphenylamine	10.62	169	380807	31.546	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	103125	30.235	ng		93
67) Hexachlorobenzene	11.06	284	95393	26.186	ng		99
68) Atrazine	11.14	200	106599	29.350	ng		99
69) Pentachlorophenol	11.25	266	103333	45.577	ng		99
70) Phenanthrene	11.47	178	544206	29.177	ng		98
71) Anthracene	11.52	178	551525	28.899	ng		100
72) Carbazole	11.67	167	524038	28.040	ng		99
73) Di-n-butylphthalate	12.00	149	667769	29.685	ng		99
74) Fluoranthene	12.66	202	545520	28.883	ng		97
76) Benzidine	12.78	184	370190	33.546	ng		98
77) Pyrene	12.89	202	565054	24.836	ng		98
79) Butylbenzylphthalate	13.50	149	277078	25.913	ng		94
80) Benzo(a)anthracene	14.07	228	506690	28.046	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	189870	28.668	ng		97
82) Chrysene	14.12	228	464378	26.998	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	404511	27.475	ng	#	98
84) Di-n-octyl phthalate	14.67	149	716123	30.207	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	384464	27.942	ng		96
87) Benzo(b)fluoranthene	15.14	252	439359	26.932	ng		98
88) Benzo(k)fluoranthene	15.17	252	440709	27.351	ng		98
89) Benzo(a)pyrene	15.52	252	415581	27.752	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	325771	27.184	ng		98
91) Benzo(g,h,i)perylene	17.55	276	303305	25.604	ng		99

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

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