Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098903.D
Acq On : 28 Sep 2017 12:46
Operator : SJ/JU
Sample : I5418-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:53 PM

Quant Time: Sep 29 04:26:06 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	149287	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	634055	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	286904	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	495413	20.00	ng		0.00
75) Chrysene-d12	14.09	240	251045	20.00	ng		0.00
86) Perylene-d12	15.57	264	244452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	916576	97.74	ng		0.00
7) Phenol-d6	6.55	99	1133591	97.99	ng		0.00
23) Nitrobenzene-d5	7.48	82	692758	70.07	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	229380	97.71	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1199348	69.79	ng		0.00
78) Terphenyl-d14	13.03	244	914678	82.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	126504	28.239	ng		99
3) Pyridine	3.55	79	335711	27.702	ng		99
4) n-Nitrosodimethylamine	3.50	42	174825	34.020	ng		95
6) Aniline	6.58	93	432198	27.681	ng		99
8) 2-Chlorophenol	6.70	128	348885	32.851	ng		97
9) Benzaldehyde	6.47	77	79397	11.831	ng		98
10) Phenol	6.56	94	477803	36.930	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	336618	33.467	ng		99
12) 1,3-Dichlorobenzene	6.86	146	355841	31.994	ng		98
13) 1,4-Dichlorobenzene	6.93	146	361522	31.948	ng		99
14) 1,2-Dichlorobenzene	7.09	146	342906	32.795	ng		99
15) Benzyl Alcohol	7.06	79	307370	36.217	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	526233	33.580	ng		98
17) 2-Methylphenol	7.16	107	297437	34.229	ng		99
18) Hexachloroethane	7.43	117	130616	32.112	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	234681	31.773	ng		96
20) 3+4-Methylphenols	7.32	107	369414	33.604	ng	#	88
22) Acetophenone	7.33	105	475463	30.951	ng	#	96
24) Nitrobenzene	7.50	77	372851	33.244	ng		100
25) Isophorone	7.73	82	663342	32.451	ng		100
26) 2-Nitrophenol	7.82	139	190994	35.413	ng		92
27) 2,4-Dimethylphenol	7.85	122	324068	31.817	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	428790	33.660	ng		99
29) 2,4-Dichlorophenol	8.05	162	292075	33.400	ng		100
30) 1,2,4-Trichlorobenzene	8.14	180	285444	32.636	ng		99
31) Naphthalene	8.22	128	980985	32.942	ng		99
33) 4-Chloroaniline	8.26	127	341926	27.495	ng		99
34) Hexachlorobutadiene	8.33	225	142381	31.606	ng		99
35) Caprolactam	8.63	113	94425m	33.662	ng		
36) 4-Chloro-3-methylphenol	8.75	107	318945	32.449	ng		96
37) 2-Methylnaphthalene	8.91	142	673587	34.795	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	260414	30.435	ng		99
40) Hexachlorocyclopentadiene	9.06	237	233280	59.659	ng		98
42) 2,4,6-Trichlorophenol	9.19	196	194144	32.029	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	205837	34.017	ng		98
45) 1,1'-Biphenyl	9.37	154	762182	30.911	ng		99
46) 2-Chloronaphthalene	9.40	162	609120	32.901	ng		97
47) 2-Nitroaniline	9.50	65	202510	35.723	ng		95
48) Acenaphthylene	9.82	152	923898	32.599	ng		100
49) Dimethylphthalate	9.67	163	845818	39.061	ng		100
50) 2,6-Dinitrotoluene	9.74	165	160973	34.146	ng		93
51) Acenaphthene	9.99	154	602412	33.556	ng		100
52) 3-Nitroaniline	9.90	138	169547	30.845	ng		99
53) 2,4-Dinitrophenol	10.01	184	87661	38.942	ng		96
54) Dibenzofuran	10.16	168	830993	34.765	ng		98
55) 4-Nitrophenol	10.06	139	292620	62.957	ng		99
56) 2,4-Dinitrotoluene	10.14	165	214633	35.081	ng		99
57) Fluorene	10.50	166	636076	33.107	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	149009	35.649	ng		96
59) Diethylphthalate	10.37	149	702489	33.200	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	286114	33.152	ng		98
61) 4-Nitroaniline	10.52	138	173666	32.748	ng		97
62) Azobenzene	10.66	77	691235	35.530	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	87138	28.909	ng		82
65) n-Nitrosodiphenylamine	10.62	169	571855	33.320	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	162671	33.545	ng		95
67) Hexachlorobenzene	11.05	284	160180	30.927	ng		95
68) Atrazine	11.14	200	174411	33.776	ng		99
69) Pentachlorophenol	11.24	266	167283	51.897	ng		99
70) Phenanthrene	11.47	178	897900	33.860	ng		99
71) Anthracene	11.52	178	904566	33.338	ng		100
72) Carbazole	11.67	167	823754	31.002	ng		99
73) Di-n-butylphthalate	12.00	149	1074519	33.597	ng		99
74) Fluoranthene	12.66	202	877544	32.680	ng		100
76) Benzidine	12.77	184	342030	36.836	ng		97
77) Pyrene	12.89	202	855489	44.689	ng		100
79) Butylbenzylphthalate	13.50	149	376887	41.891	ng		94
80) Benzo(a)anthracene	14.07	228	526767	34.653	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	171164	30.715	ng		97
82) Chrysene	14.11	228	489460	33.820	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	508474	41.045	ng	#	100
84) Di-n-octyl phthalate	14.66	149	694212	34.802	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	554356	47.884	ng		97
87) Benzo(b)fluoranthene	15.13	252	496586	33.040	ng	#	97
88) Benzo(k)fluoranthene	15.16	252	424957	28.626	ng		98
89) Benzo(a)pyrene	15.51	252	462956	33.556	ng	#	97
90) Dibenzo(a,h)anthracene	17.11	278	456627	41.357	ng		99
91) Benzo(g,h,i)perylene	17.55	276	457959	41.961	ng		96

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

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