Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099003.D
Acq On : 2 Oct 2017 16:54
Operator : SJ/JU
Sample : I5534-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Manual Integrations APPROVED

Quant Time: Oct 03 11:59:13 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

Sohil

10/3/2017 6:50:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	134769	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	557929	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	243751	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	409752	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	243049	20.00	ng		-0.02
86) Perylene-d12	15.56	264	225619	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	619343	73.16	ng		-0.01
7) Phenol-d6	6.53	99	736886	70.56	ng		-0.02
23) Nitrobenzene-d5	7.46	82	442472	50.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	130468	65.41	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	722332	49.47	ng		-0.02
78) Terphenyl-d14	13.01	244	518425	48.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	88562	21.899	ng		98
3) Pyridine	3.53	79	240976	22.027	ng		95
4) n-Nitrosodimethylamine	3.47	42	107836	23.245	ng		93
6) Aniline	6.56	93	262795	18.644	ng		99
8) 2-Chlorophenol	6.69	128	231110	24.106	ng		96
9) Benzaldehyde	6.45	77	115177	19.012	ng		99
10) Phenol	6.54	94	284536	24.361	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	223557	24.620	ng		100
12) 1,3-Dichlorobenzene	6.85	146	240235	23.926	ng		98
13) 1,4-Dichlorobenzene	6.92	146	240801	23.572	ng		98
14) 1,2-Dichlorobenzene	7.07	146	230469	24.416	ng		97
15) Benzyl Alcohol	7.04	79	191761	25.029	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	330550	23.366	ng		98
17) 2-Methylphenol	7.15	107	187716	23.929	ng		98
18) Hexachloroethane	7.42	117	85154	23.191	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	150867	22.626	ng		99
20) 3+4-Methylphenols	7.30	107	238421	24.025	ng		91
22) Acetophenone	7.31	105	312659	23.130	ng	#	97
24) Nitrobenzene	7.48	77	234171	23.728	ng		99
25) Isophorone	7.72	82	424631	23.607	ng		98
26) 2-Nitrophenol	7.80	139	119990	25.284	ng		94
27) 2,4-Dimethylphenol	7.83	122	204369	22.803	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	270614	24.142	ng		99
29) 2,4-Dichlorophenol	8.04	162	178654	23.217	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	183902	23.895	ng		99
31) Naphthalene	8.20	128	638035	24.349	ng		99
33) 4-Chloroaniline	8.25	127	203619	18.608	ng		99
34) Hexachlorobutadiene	8.32	225	92524	23.341	ng		98
35) Caprolactam	8.60	113	51322m	20.792	ng		
36) 4-Chloro-3-methylphenol	8.73	107	186243	21.533	ng		99
37) 2-Methylnaphthalene	8.90	142	435367	25.558	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	167196	23.000	ng		99
40) Hexachlorocyclopentadiene	9.05	237	145703	43.859	ng		97
42) 2,4,6-Trichlorophenol	9.17	196	113804	22.099	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	115371	22.442	ng		93
45) 1,1'-Biphenyl	9.36	154	495554	23.655	ng		98
46) 2-Chloronaphthalene	9.39	162	384744	24.461	ng		97
47) 2-Nitroaniline	9.48	65	114853	23.847	ng		99
48) Acenaphthylene	9.80	152	583100	24.217	ng		99
49) Dimethylphthalate	9.66	163	559407	30.408	ng		99
50) 2,6-Dinitrotoluene	9.72	165	96792	24.167	ng		94
51) Acenaphthene	9.97	154	341953	22.420	ng		100
52) 3-Nitroaniline	9.89	138	96085	20.575	ng		93
53) 2,4-Dinitrophenol	10.01	184	7204	9.031	ng		95
54) Dibenzofuran	10.15	168	518336	25.524	ng		98
55) 4-Nitrophenol	10.05	139	117979	29.877	ng		93
56) 2,4-Dinitrotoluene	10.13	165	126495	24.336	ng	#	87
57) Fluorene	10.49	166	397445	24.349	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	77542	21.835	ng		98
59) Diethylphthalate	10.36	149	414948	23.083	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	178072	24.286	ng		98
61) 4-Nitroaniline	10.50	138	98940	21.960	ng		92
62) Azobenzene	10.64	77	413089	24.992	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	22198	8.904	ng		93
65) n-Nitrosodiphenylamine	10.60	169	348078	24.521	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	99216	24.737	ng		99
67) Hexachlorobenzene	11.04	284	100327	23.421	ng		95
68) Atrazine	11.12	200	95183	22.287	ng		98
69) Pentachlorophenol	11.23	266	60892	22.840	ng		97
70) Phenanthrene	11.46	178	538451	24.550	ng		98
71) Anthracene	11.50	178	564782	25.167	ng		98
72) Carbazole	11.66	167	489624	22.280	ng		99
73) Di-n-butylphthalate	11.98	149	620475	23.456	ng		99
74) Fluoranthene	12.64	202	501023	22.559	ng		99
76) Benzidine	12.76	184	123280	13.714	ng		97
77) Pyrene	12.87	202	506782	27.344	ng		98
79) Butylbenzylphthalate	13.48	149	213814	24.547	ng		98
80) Benzo(a)anthracene	14.06	228	354434	24.083	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	96849	17.951	ng		98
82) Chrysene	14.09	228	340284	24.286	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	287696	23.988	ng	#	99
84) Di-n-octyl phthalate	14.65	149	459975	23.818	ng		98
85) Indeno(1,2,3-cd)pyrene	17.06	276	357139	31.864	ng		95
87) Benzo(b)fluoranthene	15.12	252	328466	23.678	ng		98
88) Benzo(k)fluoranthene	15.14	252	291762	21.294	ng		98
89) Benzo(a)pyrene	15.49	252	300482	23.598	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	302231	29.658	ng		99
91) Benzo(g,h,i)perylene	17.52	276	307902	30.567	ng		97

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

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