Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101029.D
Acq On : 30 Nov 2017 20:38
Operator : SJ/JU
Sample : I6610-19MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Manual Integrations APPROVED

Quant Time: Dec 01 09:51:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Sohil

12/1/2017 11:12:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54269	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	210329	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	88752	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	136713	20.00	ng		0.00
75) Chrysene-d12	14.04	240	104665	20.00	ng		0.02
86) Perylene-d12	15.52	264	101060	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	166644	50.74	ng		0.00
7) Phenol-d6	6.49	99	201642	50.57	ng		0.00
23) Nitrobenzene-d5	7.42	82	122408	34.72	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	44037	41.30	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	263321	40.59	ng		0.00
78) Terphenyl-d14	12.96	244	181666	37.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	17855	13.148	ng	#	94
3) Pyridine	3.42	79	45192	12.837	ng		90
4) n-Nitrosodimethylamine	3.34	42	28088	16.335	ng		90
6) Aniline	6.52	93	36098	6.962	ng	#	90
8) 2-Chlorophenol	6.64	128	60674	16.944	ng		96
9) Benzaldehyde	6.40	77	29467	12.075	ng		97
10) Phenol	6.50	94	80002	18.044	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	56514	16.994	ng		99
12) 1,3-Dichlorobenzene	6.79	146	68205	16.358	ng		96
13) 1,4-Dichlorobenzene	6.87	146	68997	15.983	ng		96
14) 1,2-Dichlorobenzene	7.02	146	67755	16.827	ng		95
15) Benzyl Alcohol	6.99	79	51913	16.857	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	87412	19.337	ng		99
17) 2-Methylphenol	7.10	107	49771	17.213	ng		97
18) Hexachloroethane	7.36	117	20260	14.608	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	41206	15.345	ng		90
20) 3+4-Methylphenols	7.26	107	65320	17.322	ng	#	63
22) Acetophenone	7.26	105	81868	16.111	ng	#	92
24) Nitrobenzene	7.43	77	60744	17.578	ng		100
25) Isophorone	7.67	82	106904	17.751	ng		99
26) 2-Nitrophenol	7.75	139	31697	16.709	ng		93
27) 2,4-Dimethylphenol	7.79	122	52357	19.080	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	68029	16.806	ng		98
29) 2,4-Dichlorophenol	8.00	162	52316	17.515	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	56484	17.197	ng		98
31) Naphthalene	8.16	128	217801	21.011	ng		99
33) 4-Chloroaniline	8.21	127	30307	7.276	ng		98
34) Hexachlorobutadiene	8.27	225	32304	16.036	ng		98
35) Caprolactam	8.56	113	13882	14.913	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	49407	15.968	ng		95
37) 2-Methylnaphthalene	8.85	142	137717	19.552	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	54273	16.833	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	391m	6.164	ng		
42) 2,4,6-Trichlorophenol	9.13	196	35127	18.585	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	35357	17.498	ng		93
45) 1,1'-Biphenyl	9.31	154	145710	17.919	ng		96
46) 2-Chloronaphthalene	9.34	162	106638	18.466	ng		93
47) 2-Nitroaniline	9.43	65	28753	16.829	ng		94
48) Acenaphthylene	9.75	152	264226	27.842	ng		100
49) Dimethylphthalate	9.60	163	144781	20.227	ng		100
50) 2,6-Dinitrotoluene	9.67	165	24513	16.260	ng		91
51) Acenaphthene	9.93	154	163940	28.849	ng		97
52) 3-Nitroaniline	9.85	138	18216	10.745	ng		97
53) 2,4-Dinitrophenol	9.96	184	1683	6.867	ng	#	29
54) Dibenzofuran	10.10	168	187053	22.841	ng		97
55) 4-Nitrophenol	10.01	139	31118	27.216	ng		98
56) 2,4-Dinitrotoluene	10.08	165	30333	15.013	ng	#	95
57) Fluorene	10.44	166	197897	29.727	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.22	232	25932	16.029	ng	#	87
59) Diethylphthalate	10.30	149	116181	16.457	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	52691	16.030	ng		97
61) 4-Nitroaniline	10.46	138	21067	11.971	ng		87
62) Azobenzene	10.59	77	93909	15.674	ng	#	75
64) 4,6-Dinitro-2-methylphenol	10.50	198	2407	2.625	ng		90
65) n-Nitrosodiphenylamine	10.55	169	102639	21.281	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	30442	19.893	ng	#	84
67) Hexachlorobenzene	10.99	284	27776	16.936	ng	#	88
68) Atrazine	11.07	200	26237	17.734	ng		95
69) Pentachlorophenol	11.19	266	24231	26.870	ng		97
70) Phenanthrene	11.42	178	1275976	169.481	ng		99
71) Anthracene	11.46	178	487542	63.984	ng		98
72) Carbazole	11.62	167	175516	25.211	ng		98
73) Di-n-butylphthalate	11.93	149	152212	17.443	ng		98
74) Fluoranthene	12.62	202	2065086	247.450	ng		96
77) Pyrene	12.85	202	1920379	265.899	ng		99
79) Butylbenzylphthalate	13.44	149	71391	22.420	ng	#	90
80) Benzo(a)anthracene	14.03	228	1298130	196.437	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	24813	10.842	ng	#	98
82) Chrysene	14.07	228	1064228	173.403	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	85960	18.933	ng		99
84) Di-n-octyl phthalate	14.61	149	149396	19.763	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	483383	88.591	ng	#	89
87) Benzo(b)fluoranthene	15.10	252	1352037m	223.358	ng		
88) Benzo(k)fluoranthene	15.13	252	422119m	70.780	ng		
89) Benzo(a)pyrene	15.47	252	893680	162.394	ng		96
90) Dibenzo(a,h)anthracene	17.03	278	162924	33.582	ng		94
91) Benzo(g,h,i)perylene	17.48	276	428215	93.657	ng	#	93

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

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