Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100313.D
Acq On : 9 Nov 2017 1:00
Operator : SJ/JU
Sample : I6346-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(5-10)MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:59 PM

Quant Time: Nov 09 09:33:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	201122	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	768307	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	318876	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	512068	20.00	ng	0.00
75) Chrysene-d12	14.06	240	385546	20.00	ng	0.00
86) Perylene-d12	15.54	264	380223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1348508	107.48	ng	0.02
7) Phenol-d6	6.53	99	1659438	107.26	ng	0.01
23) Nitrobenzene-d5	7.47	82	1024759	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	346412	106.61	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1666858	79.60	ng	0.00
78) Terphenyl-d14	13.01	244	1149986	68.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	182918	29.916	ng	96
3) Pyridine	3.54	79	511919	30.688	ng	92
4) n-Nitrosodimethylamine	3.49	42	263181	32.495	ng	94
6) Aniline	6.57	93	514140	23.522	ng	99
8) 2-Chlorophenol	6.69	128	460196	34.671	ng	97
9) Benzaldehyde	6.45	77	165380	14.968	ng	97
10) Phenol	6.55	94	580939m	35.768	ng	
11) bis(2-Chloroethyl)ether	6.64	93	463375	33.965	ng	93
12) 1,3-Dichlorobenzene	6.85	146	511700	33.438	ng	99
13) 1,4-Dichlorobenzene	6.92	146	511430	33.020	ng	97
14) 1,2-Dichlorobenzene	7.07	146	480641	33.563	ng	98
15) Benzyl Alcohol	7.04	79	417419	34.569	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	854431	39.158	ng	97
17) 2-Methylphenol	7.15	107	402385	35.475	ng	99
18) Hexachloroethane	7.42	117	169759	33.242	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	332387	30.978	ng	93
20) 3+4-Methylphenols	7.30	107	486195	33.873	ng	97
22) Acetophenone	7.31	105	633104	33.793	ng	96
24) Nitrobenzene	7.49	77	490936	41.045	ng	100
25) Isophorone	7.72	82	928129	38.006	ng	99
26) 2-Nitrophenol	7.80	139	239201	43.253	ng	98
27) 2,4-Dimethylphenol	7.83	122	436147	39.841	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	594464	37.215	ng	99
29) 2,4-Dichlorophenol	8.04	162	394391	37.738	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	409219	36.199	ng	98
31) Naphthalene	8.21	128	1285760	34.745	ng	100
32) Benzoic acid	7.86	122	5270m	9.877	ng	
33) 4-Chloroaniline	8.25	127	273408	17.750	ng	100
34) Hexachlorobutadiene	8.32	225	234814	34.935	ng	97
35) Caprolactam	8.62	113	125803m	35.077	ng	
36) 4-Chloro-3-methylphenol	8.73	107	397359	35.402	ng	100
37) 2-Methylnaphthalene	8.90	142	859394	34.980	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	387494	36.641	ng	98
40) Hexachlorocyclopentadiene	9.05	237	182861	36.739	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	275419	41.091	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	279730	40.281	ng		94
45) 1,1'-Biphenyl	9.36	154	1003385	36.382	ng		98
46) 2-Chloronaphthalene	9.39	162	768925	38.431	ng		97
47) 2-Nitroaniline	9.48	65	245636	41.923	ng		96
48) Acenaphthylene	9.80	152	1167888	35.222	ng		99
49) Dimethylphthalate	9.66	163	954371	39.199	ng		99
50) 2,6-Dinitrotoluene	9.72	165	195816	40.632	ng		95
51) Acenaphthene	9.97	154	681744	33.807	ng		98
52) 3-Nitroaniline	9.89	138	169921	29.859	ng		99
53) 2,4-Dinitrophenol	9.99	184	37772	29.298	ng	#	41
54) Dibenzofuran	10.15	168	1008371	35.677	ng		99
55) 4-Nitrophenol	10.04	139	296887	64.249	ng		95
56) 2,4-Dinitrotoluene	10.12	165	245226	40.335	ng	#	97
57) Fluorene	10.49	166	721451	34.844	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	212159	37.277	ng		88
59) Diethylphthalate	10.36	149	886649	36.392	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	363121	35.750	ng		91
61) 4-Nitroaniline	10.50	138	175844	32.587	ng		92
62) Azobenzene	10.64	77	852064	37.132	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	44360	22.664	ng		77
65) n-Nitrosodiphenylamine	10.60	169	710153	39.885	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	228386	41.606	ng	#	88
67) Hexachlorobenzene	11.03	284	220798	38.459	ng	#	89
68) Atrazine	11.12	200	219812	40.784	ng		97
69) Pentachlorophenol	11.22	266	237339	57.652	ng		97
70) Phenanthrene	11.45	178	953104	35.351	ng		99
71) Anthracene	11.50	178	990463	36.210	ng		100
72) Carbazole	11.65	167	875802	34.700	ng		99
73) Di-n-butylphthalate	11.98	149	1192015	40.358	ng		99
74) Fluoranthene	12.64	202	910499	31.865	ng		97
76) Benzidine	12.76	184	441263	28.579	ng		98
77) Pyrene	12.87	202	921884	33.544	ng		99
79) Butylbenzylphthalate	13.48	149	414760	37.005	ng		96
80) Benzo(a)anthracene	14.05	228	843377	36.325	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	303624	36.500	ng	#	97
82) Chrysene	14.09	228	827552	36.808	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	580010	39.346	ng		99
84) Di-n-octyl phthalate	14.65	149	1039519	41.048	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	698686	38.420	ng		96
87) Benzo(b)fluoranthene	15.11	252	804885	35.731	ng		98
88) Benzo(k)fluoranthene	15.14	252	795037	37.354	ng		98
89) Benzo(a)pyrene	15.48	252	748520	37.482	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	594811	36.420	ng		98
91) Benzo(g,h,i)perylene	17.49	276	558175	34.914	ng		95

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

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