Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103738.D
Acq On : 17 Mar 2018 12:31
Operator : JU/SJ
Sample : J1750-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Manual Integrations APPROVED
Sohil
3/19/2018 2:03:14 PM

Quant Time: Mar 19 08:32:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155956	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619869	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	256878	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	365297	20.00	ng	0.00
75) Chrysene-d12	14.16	240	278065	20.00	ng	0.00
86) Perylene-d12	15.69	264	235861	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1195582	116.60	ng	0.03
7) Phenol-d6	6.60	99	1378063	109.85	ng	0.01
23) Nitrobenzene-d5	7.54	82	980793	110.34	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	301118	136.34	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1577118	97.94	ng	0.00
78) Terphenyl-d14	13.09	244	1152681	96.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	181050	35.860	ng	# 78
3) Pyridine	3.71	79	353748	25.473	ng	89
4) n-Nitrosodimethylamine	3.67	42	215293	42.046	ng	86
6) Aniline	6.64	93	144071	8.043	ng	98
8) 2-Chlorophenol	6.76	128	477378	44.444	ng	95
9) Benzaldehyde	6.53	77	165090	20.032	ng	97
10) Phenol	6.61	94	509623	38.232	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	481265	43.735	ng	96
12) 1,3-Dichlorobenzene	6.92	146	500939	40.948	ng	99
13) 1,4-Dichlorobenzene	6.99	146	503481	40.956	ng	100
14) 1,2-Dichlorobenzene	7.15	146	467563	40.988	ng	100
15) Benzyl Alcohol	7.11	79	416104	42.811	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	670422	42.835	ng	96
17) 2-Methylphenol	7.22	107	401723	41.998	ng	98
18) Hexachloroethane	7.49	117	153240	35.438	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	329589	40.997	ng	92
20) 3+4-Methylphenols	7.37	107	481145	39.636	ng	94
22) Acetophenone	7.38	105	651992	40.926	ng	# 95
24) Nitrobenzene	7.56	77	511502	49.015	ng	98
25) Isophorone	7.79	82	964701	46.882	ng	99
26) 2-Nitrophenol	7.87	139	208996	51.726	ng	98
27) 2,4-Dimethylphenol	7.90	122	449805	51.026	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	610960	49.033	ng	100
29) 2,4-Dichlorophenol	8.11	162	390957	48.748	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	398755	42.868	ng	98
31) Naphthalene	8.28	128	1442376	46.064	ng	100
32) Benzoic acid	8.01	122	250248	41.836	ng	99
33) 4-Chloroaniline	8.32	127	72746	5.538	ng	98
34) Hexachlorobutadiene	8.39	225	211713	41.512	ng	99
35) Caprolactam	8.69	113	95998m	34.762	ng	
36) 4-Chloro-3-methylphenol	8.80	107	421192	47.639	ng	98
37) 2-Methylnaphthalene	8.97	142	889616	44.801	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	354748	48.407	ng	99
40) Hexachlorocyclopentadiene	9.12	237	110029	29.097	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	253362	54.051	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	263873	49.875	ng		98
45) 1,1'-Biphenyl	9.43	154	999039	46.641	ng		100
46) 2-Chloronaphthalene	9.46	162	784312	46.101	ng		98
47) 2-Nitroaniline	9.56	65	251534	55.308	ng		93
48) Acenaphthylene	9.88	152	1153395	43.719	ng		100
49) Dimethylphthalate	9.73	163	978550	49.930	ng		99
50) 2,6-Dinitrotoluene	9.79	165	193311	50.741	ng		94
51) Acenaphthene	10.05	154	692178	44.187	ng		100
52) 3-Nitroaniline	9.96	138	112373	26.580	ng		100
53) 2,4-Dinitrophenol	10.07	184	38025	47.664	ng	#	19
54) Dibenzofuran	10.22	168	1026176	45.868	ng		99
55) 4-Nitrophenol	10.12	139	290697	80.953	ng		91
56) 2,4-Dinitrotoluene	10.20	165	237247	49.214	ng		97
57) Fluorene	10.57	166	748772	43.131	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	188256	50.217	ng		98
59) Diethylphthalate	10.43	149	914609	47.019	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	362624	45.705	ng		100
61) 4-Nitroaniline	10.58	138	192884	44.411	ng		98
62) Azobenzene	10.72	77	840158	42.483	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	27751	27.793	ng		96
65) n-Nitrosodiphenylamine	10.67	169	694218	55.832	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	206611	55.087	ng		95
67) Hexachlorobenzene	11.12	284	207217	48.407	ng	#	91
68) Atrazine	11.20	200	190382	49.497	ng		99
69) Pentachlorophenol	11.30	266	211802	86.061	ng		95
70) Phenanthrene	11.53	178	946380	47.360	ng		99
71) Anthracene	11.59	178	962741	47.436	ng		100
72) Carbazole	11.74	167	882260	44.725	ng		99
73) Di-n-butylphthalate	12.06	149	1229842	51.959	ng		100
74) Fluoranthene	12.73	202	886083	43.042	ng		97
76) Benzidine	12.84	184	174991	14.755	ng		98
77) Pyrene	12.96	202	892618	43.711	ng		100
79) Butylbenzylphthalate	13.56	149	445502	49.240	ng		96
80) Benzo(a)anthracene	14.15	228	848131	48.185	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	239454	40.671	ng		99
82) Chrysene	14.19	228	787721	46.948	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	632472	48.933	ng		99
84) Di-n-octyl phthalate	14.74	149	1089983	57.966	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	638818	43.597	ng		98
87) Benzo(b)fluoranthene	15.24	252	734772	49.310	ng		99
88) Benzo(k)fluoranthene	15.27	252	712404	49.735	ng		100
89) Benzo(a)pyrene	15.63	252	662328	49.005	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	548418	46.861	ng		99
91) Benzo(g,h,i)perylene	17.74	276	515766	45.301	ng		97

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

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