Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103739.D
Acq On : 17 Mar 2018 12:58
Operator : JU/SJ
Sample : J1750-02MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/19/2018 2:03:16 PM

Quant Time: Mar 19 08:33:58 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	152047	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	597244	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	245394	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	343850	20.00	ng		0.00
75) Chrysene-d12	14.16	240	261820	20.00	ng		0.01
86) Perylene-d12	15.69	264	213357	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1253021	125.35	ng		0.03
7) Phenol-d6	6.60	99	1457269	119.15	ng		0.01
23) Nitrobenzene-d5	7.54	82	1007326	117.62	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	295111	139.87	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1588928	103.29	ng		0.00
78) Terphenyl-d14	13.09	244	1128145	100.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	190203	38.641	ng	#	78
3) Pyridine	3.73	79	433671	32.031	ng		88
4) n-Nitrosodimethylamine	3.67	42	227831	45.639	ng		81
6) Aniline	6.64	93	240267	13.758	ng		97
8) 2-Chlorophenol	6.76	128	488814	46.678	ng		93
9) Benzaldehyde	6.52	77	191587	23.845	ng		98
10) Phenol	6.61	94	540074	41.558	ng		99
11) bis(2-Chloroethyl)ether	6.71	93	505063	47.078	ng		94
12) 1,3-Dichlorobenzene	6.92	146	517447	43.385	ng		99
13) 1,4-Dichlorobenzene	6.99	146	528598	44.105	ng		99
14) 1,2-Dichlorobenzene	7.15	146	482959	43.426	ng		99
15) Benzyl Alcohol	7.11	79	427091	45.071	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	685883	44.949	ng		95
17) 2-Methylphenol	7.22	107	417946	44.818	ng		98
18) Hexachloroethane	7.49	117	159438	37.819	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	343064	43.770	ng		95
20) 3+4-Methylphenols	7.37	107	497481	42.035	ng		90
22) Acetophenone	7.38	105	679876	44.293	ng	#	95
24) Nitrobenzene	7.56	77	528865	52.599	ng		98
25) Isophorone	7.79	82	991071	49.989	ng		99
26) 2-Nitrophenol	7.87	139	215401	54.673	ng		98
27) 2,4-Dimethylphenol	7.90	122	460809	54.255	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	628224	52.329	ng		100
29) 2,4-Dichlorophenol	8.11	162	395595	51.195	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	411888	45.957	ng		98
31) Naphthalene	8.28	128	1452901	48.158	ng		100
32) Benzoic acid	8.01	122	262874	44.717	ng		98
33) 4-Chloroaniline	8.32	127	87187	6.888	ng		95
34) Hexachlorobutadiene	8.39	225	221618	45.101	ng		99
35) Caprolactam	8.69	113	106799m	40.138	ng		
36) 4-Chloro-3-methylphenol	8.80	107	420056	49.310	ng		98
37) 2-Methylnaphthalene	8.97	142	895487	46.805	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363686	51.949	ng		100
40) Hexachlorocyclopentadiene	9.12	237	89552	24.790	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	256565	57.296	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	256874	50.824	ng		97
45) 1,1'-Biphenyl	9.43	154	1006032	49.165	ng		99
46) 2-Chloronaphthalene	9.46	162	790497	48.639	ng		98
47) 2-Nitroaniline	9.55	65	250709	57.411	ng		97
48) Acenaphthylene	9.88	152	1149679	45.618	ng		100
49) Dimethylphthalate	9.73	163	970204	51.821	ng		99
50) 2,6-Dinitrotoluene	9.79	165	198641	54.279	ng		96
51) Acenaphthene	10.05	154	689607	46.083	ng		99
52) 3-Nitroaniline	9.96	138	144226	34.401	ng		99
53) 2,4-Dinitrophenol	10.07	184	31406	43.793	ng	#	20
54) Dibenzofuran	10.22	168	1010778	47.294	ng		99
55) 4-Nitrophenol	10.12	139	295937	85.943	ng		99
56) 2,4-Dinitrotoluene	10.20	165	241721	52.075	ng	#	97
57) Fluorene	10.56	166	732825	44.188	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	186369	52.040	ng		97
59) Diethylphthalate	10.43	149	907496	48.837	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	357678	47.191	ng		99
61) 4-Nitroaniline	10.58	138	189995	45.677	ng		99
62) Azobenzene	10.72	77	832865	44.085	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	25185	27.173	ng		91
65) n-Nitrosodiphenylamine	10.67	169	688273	58.806	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	206212	58.410	ng		93
67) Hexachlorobenzene	11.11	284	205747	51.061	ng		98
68) Atrazine	11.20	200	196493	54.272	ng		98
69) Pentachlorophenol	11.30	266	209663	90.506	ng		96
70) Phenanthrene	11.53	178	922141	49.026	ng		99
71) Anthracene	11.59	178	946900	49.566	ng		99
72) Carbazole	11.74	167	873210	47.027	ng		99
73) Di-n-butylphthalate	12.06	149	1232793	55.333	ng		100
74) Fluoranthene	12.72	202	881659	45.498	ng		100
76) Benzidine	12.84	184	249274	22.323	ng		98
77) Pyrene	12.96	202	889166	46.244	ng		99
79) Butylbenzylphthalate	13.56	149	451092	52.951	ng		98
80) Benzo(a)anthracene	14.15	228	834204	50.335	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	280237	50.551	ng		98
82) Chrysene	14.19	228	772609	48.904	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	629652	51.738	ng		99
84) Di-n-octyl phthalate	14.74	149	1088600	61.485	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	605023	43.853	ng		98
87) Benzo(b)fluoranthene	15.24	252	707344	52.476	ng		97
88) Benzo(k)fluoranthene	15.27	252	696820	53.778	ng		99
89) Benzo(a)pyrene	15.63	252	629704	51.506	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	509508	48.129	ng		98
91) Benzo(g,h,i)perylene	17.74	276	488157	47.399	ng		99

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

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