Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110159.D
Acq On : 25 Oct 2018 14:06
Operator : JU/SJ
Sample : J5618-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1018-S-DH-15MSD

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:15 PM

Quant Time: Oct 26 03:45:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181525	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	708235	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	324588	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	555366	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	285735	20.00	ng		-0.01
87) Perylene-d12	15.68	264	296887	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1352168	121.30	ng		0.00
7) Phenol-d6	6.60	99	1753285	122.97	ng		0.00
23) Nitrobenzene-d5	7.54	82	1107197	92.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	397462	123.62	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1824123	88.25	ng		-0.01
79) Terphenyl-d14	13.09	244	1357249	98.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	152547	26.120	ng		90
3) Pyridine	3.67	79	422045	32.445	ng	#	86
4) n-Nitrosodimethylamine	3.63	42	244592	44.881	ng	#	94
6) Aniline	6.64	93	394007	21.214	ng	#	53
8) 2-Chlorophenol	6.76	128	519050	40.388	ng		96
9) Benzaldehyde	6.52	77	276370	31.389	ng		96
10) Phenol	6.62	94	753553	49.443	ng	#	67
11) bis(2-Chloroethyl)ether	6.71	93	487297	38.863	ng		97
12) 1,3-Dichlorobenzene	6.91	146	528052	37.336	ng		99
13) 1,4-Dichlorobenzene	6.99	146	537341	37.566	ng		98
14) 1,2-Dichlorobenzene	7.14	146	501426	37.762	ng		99
15) Benzyl Alcohol	7.11	79	462610	42.185	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	791566	39.483	ng		68
17) 2-Methylphenol	7.22	107	430984	42.079	ng	#	82
18) Hexachloroethane	7.48	117	198072	37.823	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	354969	38.807	ng		97
20) 3+4-Methylphenols	7.37	107	533674	40.310	ng		96
22) Acetophenone	7.38	105	697833	42.761	ng		96
24) Nitrobenzene	7.56	77	533639	43.288	ng		95
25) Isophorone	7.79	82	993516	48.812	ng		95
26) 2-Nitrophenol	7.87	139	275168	46.906	ng		95
27) 2,4-Dimethylphenol	7.90	122	482749	49.634	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	622285	45.004	ng		99
29) 2,4-Dichlorophenol	8.11	162	434669	44.236	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	457815	41.595	ng		96
31) Naphthalene	8.27	128	1480008	45.341	ng		99
32) Benzoic acid	8.01	122	162589	21.629	ng		84
33) 4-Chloroaniline	8.32	127	109308	7.441	ng		99
34) Hexachlorobutadiene	8.39	225	247657	40.525	ng		98
35) Caprolactam	8.70	113	149890m	43.765	ng		
36) 4-Chloro-3-methylphenol	8.80	107	463979	43.666	ng		94
37) 2-Methylnaphthalene	8.97	142	1007630	46.656	ng		99
38) 1-Methylnaphthalene	9.07	142	948007	45.423	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	417585	41.290	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	393272	76.048	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	293024	44.921	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	305041	44.240	ng	95
46) 1,1'-Biphenyl	9.43	154	1179229	40.175	ng	98
47) 2-Chloronaphthalene	9.46	162	905691	42.065	ng	99
48) 2-Nitroaniline	9.56	65	286580	43.924	ng	94
49) Acenaphthylene	9.88	152	1395971	44.889	ng	98
50) Dimethylphthalate	9.73	163	1293355	53.979	ng	99
51) 2,6-Dinitrotoluene	9.80	165	231899	44.932	ng	97
52) Acenaphthene	10.05	154	862073	41.903	ng	99
53) 3-Nitroaniline	9.97	138	124838	20.340	ng	85
54) 2,4-Dinitrophenol	10.07	184	100348	50.996	ng	89
55) Dibenzofuran	10.22	168	1213309	42.123	ng	100
56) 4-Nitrophenol	10.13	139	499229	109.901	ng	97
57) 2,4-Dinitrotoluene	10.20	165	303795	46.341	ng	91
58) Fluorene	10.57	166	948133	44.229	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	245884	43.750	ng	94
60) Diethylphthalate	10.43	149	1004466	42.946	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	448877	39.693	ng	97
62) 4-Nitroaniline	10.59	138	214709	35.173	ng	93
63) Azobenzene	10.72	77	971821	41.859	ng	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	87065	34.314	ng	96
66) n-Nitrosodiphenylamine	10.67	169	837014	45.949	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	272105	45.169	ng	93
68) Hexachlorobenzene	11.12	284	272479	42.630	ng	98
69) Atrazine	11.20	200	254559	44.220	ng	99
70) Pentachlorophenol	11.31	266	254638	68.321	ng	96
71) Phenanthrene	11.53	178	1403861	48.310	ng	99
72) Anthracene	11.59	178	1321211	45.360	ng	99
73) Carbazole	11.74	167	1101675	38.737	ng	100
74) Di-n-butylphthalate	12.06	149	1415608	44.073	ng	99
75) Fluoranthene	12.73	202	1238617	41.999	ng	98
77) Benzidine	12.84	184	218734	21.574	ng	97
78) Pyrene	12.96	202	1156608	56.462	ng	99
80) Butylbenzylphthalate	13.56	149	451308	50.759	ng	100
81) Benzo(a)anthracene	14.14	228	832901	49.154	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	169981	28.808	ng	99
83) Chrysene	14.18	228	772028	47.970	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	597320	49.697	ng	97
85) Di-n-octyl phthalate	14.73	149	912005	48.799	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	858243	64.280	ng	95
88) Benzo(b)fluoranthene	15.23	252	817219	47.668	ng	100
89) Benzo(k)fluoranthene	15.26	252	742658m	44.063	ng	
90) Benzo(a)pyrene	15.62	252	774726	49.110	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	704753	51.775	ng	98
92) Benzo(g,h,i)perylene	17.73	276	682681	50.896	ng	97

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

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