Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106444.D
Acq On : 14 Jun 2018 16:10
Operator : JU/SJ
Sample : J3493-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Sohil
6/15/2018 11:16:47 AM

Quant Time: Jun 14 19:00:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135907	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	519780	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	242353	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	412626	20.00	ng		0.00
75) Chrysene-d12	14.16	240	319798	20.00	ng		0.00
86) Perylene-d12	15.71	264	333242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	930860	115.92	ng		0.00
7) Phenol-d6	6.62	99	1141679	112.53	ng		0.00
23) Nitrobenzene-d5	7.54	82	844798	95.61	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	283227	121.46	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1169514	86.02	ng		0.00
78) Terphenyl-d14	13.08	244	1035194	80.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	147598	35.516	ng		95
3) Pyridine	3.63	79	409517	35.361	ng		98
4) n-Nitrosodimethylamine	3.60	42	209581	39.504	ng		90
6) Aniline	6.64	93	431848	29.151	ng	#	68
8) 2-Chlorophenol	6.77	128	390133	45.179	ng		99
9) Benzaldehyde	6.52	77	261894	34.034	ng		98
10) Phenol	6.63	94	491276	44.358	ng		74
11) bis(2-Chloroethyl)ether	6.71	93	402358	42.438	ng		99
12) 1,3-Dichlorobenzene	6.91	146	436683	42.967	ng		98
13) 1,4-Dichlorobenzene	6.98	146	440772	42.737	ng		99
14) 1,2-Dichlorobenzene	7.14	146	413204	42.559	ng		96
15) Benzyl Alcohol	7.11	79	366689	42.205	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	574842	42.296	ng	#	45
17) 2-Methylphenol	7.23	107	332747	43.190	ng	#	91
18) Hexachloroethane	7.48	117	152192	41.414	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	269481	35.406	ng		95
20) 3+4-Methylphenols	7.38	107	406414	41.250	ng		89
22) Acetophenone	7.37	105	537114	41.005	ng	#	96
24) Nitrobenzene	7.55	77	449750	46.833	ng		99
25) Isophorone	7.79	82	803261	46.545	ng		100
26) 2-Nitrophenol	7.87	139	221701	59.477	ng		100
27) 2,4-Dimethylphenol	7.91	122	351826	48.156	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	502868	44.938	ng		100
29) 2,4-Dichlorophenol	8.12	162	353497	50.153	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	353967	44.789	ng		96
31) Naphthalene	8.27	128	1072151	45.630	ng		98
32) Benzoic acid	8.02	122	175813m	34.961	ng		
33) 4-Chloroaniline	8.32	127	318107	30.549	ng		98
34) Hexachlorobutadiene	8.38	225	219976	43.326	ng		99
35) Caprolactam	8.70	113	115306m	48.365	ng		
36) 4-Chloro-3-methylphenol	8.82	107	370199	47.482	ng		99
37) 2-Methylnaphthalene	8.97	142	728253	45.505	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	366073	46.530	ng		97
40) Hexachlorocyclopentadiene	9.11	237	268024	61.746	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	260255	51.908	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	274288	50.747	ng	#	92
45) 1,1'-Biphenyl	9.43	154	839188	44.706	ng		98
46) 2-Chloronaphthalene	9.45	162	687620	45.774	ng		99
47) 2-Nitroaniline	9.55	65	252133	53.354	ng		92
48) Acenaphthylene	9.87	152	1075538	46.776	ng		98
49) Dimethylphthalate	9.73	163	952499	55.011	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	186524	52.738	ng		93
51) Acenaphthene	10.05	154	671277	45.206	ng		99
52) 3-Nitroaniline	9.97	138	154405	36.782	ng		97
53) 2,4-Dinitrophenol	10.07	184	114255	71.399	ng	#	14
54) Dibenzofuran	10.22	168	896569	44.838	ng		96
55) 4-Nitrophenol	10.15	139	261003	81.117	ng		99
56) 2,4-Dinitrotoluene	10.20	165	244196	54.982	ng		99
57) Fluorene	10.56	166	686969	43.362	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	214000	49.954	ng	#	84
59) Diethylphthalate	10.42	149	745396	43.373	ng		94
60) 4-Chlorophenyl-phenylether	10.55	204	355986	42.722	ng		91
61) 4-Nitroaniline	10.58	138	184368	45.142	ng		100
62) Azobenzene	10.71	77	749740	41.838	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	88500	40.840	ng		90
65) n-Nitrosodiphenylamine	10.67	169	644311	46.461	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	239422	51.015	ng	#	81
67) Hexachlorobenzene	11.11	284	238552	49.304	ng	#	87
68) Atrazine	11.19	200	212930	49.824	ng		95
69) Pentachlorophenol	11.31	266	205155	68.871	ng		99
70) Phenanthrene	11.52	178	916937	45.375	ng		99
71) Anthracene	11.58	178	934666	46.169	ng		98
72) Carbazole	11.74	167	821614	43.960	ng		99
73) Di-n-butylphthalate	12.05	149	949460	45.644	ng		99
74) Fluoranthene	12.72	202	854625	39.657	ng		97
76) Benzidine	12.84	184	252238	23.699	ng		97
77) Pyrene	12.95	202	860886	42.998	ng		98
79) Butylbenzylphthalate	13.55	149	334304	44.607	ng		96
80) Benzo(a)anthracene	14.15	228	860076	45.193	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	282520	43.999	ng	#	96
82) Chrysene	14.19	228	828451	47.680	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	426938	39.731	ng		100
84) Di-n-octyl phthalate	14.76	149	749516	48.382	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	730372	52.670	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	903020	44.828	ng		97
88) Benzo(k)fluoranthene	15.28	252	830173m	41.612	ng		
89) Benzo(a)pyrene	15.64	252	838193	46.261	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	611073	40.453	ng		96
91) Benzo(g,h,i)perylene	17.75	276	572868	39.024	ng		94

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

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