Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106718.D
Acq On : 22 Jun 2018 19:43
Operator : JU/SJ
Sample : J3573-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMSD

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:17 PM

Quant Time: Jun 25 05:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54442	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	207850	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	113042	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	229205	20.00	ng		0.00
75) Chrysene-d12	14.15	240	167641	20.00	ng		0.00
86) Perylene-d12	15.68	264	154704	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	386552	120.23	ng		0.00
7) Phenol-d6	6.61	99	497282	123.85	ng		0.00
23) Nitrobenzene-d5	7.53	82	333840	89.26	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	197095	150.43	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	583729	87.91	ng		0.00
78) Terphenyl-d14	13.08	244	730880	105.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	49568	29.988	ng		97
3) Pyridine	3.63	79	151133	33.714	ng		96
4) n-Nitrosodimethylamine	3.60	42	66974	35.176	ng		86
6) Aniline	6.63	93	199179	36.571	ng		97
8) 2-Chlorophenol	6.75	128	145527	41.268	ng		99
9) Benzaldehyde	6.51	77	71499	23.355	ng		99
10) Phenol	6.62	94	188875	41.220	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	149700	39.574	ng		98
12) 1,3-Dichlorobenzene	6.90	146	168435	40.781	ng		99
13) 1,4-Dichlorobenzene	6.98	146	167669	40.154	ng		99
14) 1,2-Dichlorobenzene	7.13	146	158251	41.353	ng		98
15) Benzyl Alcohol	7.10	79	133126	41.293	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	214983	43.316	ng		87
17) 2-Methylphenol	7.22	107	131094	43.441	ng	#	94
18) Hexachloroethane	7.47	117	58534	39.863	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	101343	38.292	ng		93
20) 3+4-Methylphenols	7.37	107	149090	46.074	ng	#	73
22) Acetophenone	7.37	105	196945	42.353	ng	#	93
24) Nitrobenzene	7.55	77	161502	42.295	ng		98
25) Isophorone	7.78	82	312843	47.468	ng		100
26) 2-Nitrophenol	7.86	139	85803	47.600	ng		98
27) 2,4-Dimethylphenol	7.90	122	143627	51.550	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	195638	44.211	ng		98
29) 2,4-Dichlorophenol	8.11	162	140872	48.295	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	153317	47.712	ng		96
31) Naphthalene	8.27	128	431941	44.449	ng		99
32) Benzoic acid	8.00	122	31659	19.487	ng		98
33) 4-Chloroaniline	8.31	127	153986	37.765	ng		99
34) Hexachlorobutadiene	8.37	225	98672	47.126	ng		99
35) Caprolactam	8.70	113	44169m	46.453	ng		
36) 4-Chloro-3-methylphenol	8.81	107	150648	49.067	ng		96
37) 2-Methylnaphthalene	8.96	142	321704	49.946	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	168155	44.171	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	160140	81.761	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	109598	43.311	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	115491	43.738	ng	#	87
45) 1,1'-Biphenyl	9.42	154	390999	43.401	ng		98
46) 2-Chloronaphthalene	9.45	162	293217	41.349	ng		97
47) 2-Nitroaniline	9.55	65	98360	41.248	ng		96
48) Acenaphthylene	9.87	152	470842	42.056	ng		99
49) Dimethylphthalate	9.72	163	446345	52.646	ng		98
50) 2,6-Dinitrotoluene	9.79	165	85756	47.767	ng		89
51) Acenaphthene	10.04	154	282870	40.123	ng		98
52) 3-Nitroaniline	9.96	138	73781	35.713	ng		100
53) 2,4-Dinitrophenol	10.07	184	85278	90.600	ng	#	18
54) Dibenzofuran	10.21	168	435505	45.113	ng		97
55) 4-Nitrophenol	10.14	139	113052	78.397	ng		97
56) 2,4-Dinitrotoluene	10.20	165	115626	49.342	ng		91
57) Fluorene	10.55	166	339353	44.299	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	108461	51.673	ng	#	79
59) Diethylphthalate	10.42	149	345430	42.213	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	178678	44.578	ng	#	86
61) 4-Nitroaniline	10.58	138	88343	43.088	ng		97
62) Azobenzene	10.70	77	334870	41.556	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	69140	48.799	ng	#	71
65) n-Nitrosodiphenylamine	10.67	169	306200	39.718	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	125767	45.977	ng	#	77
67) Hexachlorobenzene	11.10	284	135334	47.270	ng	#	85
68) Atrazine	11.19	200	113104	46.149	ng		93
69) Pentachlorophenol	11.30	266	123487	86.443	ng		99
70) Phenanthrene	11.52	178	505596	45.735	ng		99
71) Anthracene	11.58	178	524611	46.492	ng		99
72) Carbazole	11.73	167	475501	45.009	ng		98
73) Di-n-butylphthalate	12.04	149	537881	43.217	ng		99
74) Fluoranthene	12.71	202	557487	45.752	ng		96
76) Benzidine	12.84	184	265936	55.701	ng		97
77) Pyrene	12.95	202	551066	49.849	ng		100
79) Butylbenzylphthalate	13.55	149	211399	46.511	ng	#	94
80) Benzo(a)anthracene	14.14	228	472609	46.256	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	137178	38.201	ng	#	96
82) Chrysene	14.18	228	432615	46.024	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	268745	46.249	ng	#	97
84) Di-n-octyl phthalate	14.73	149	429581	45.353	ng		95
85) Indeno(1,2,3-cd)pyrene	17.26	276	467608	58.620	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	425421	44.268	ng	#	95
88) Benzo(k)fluoranthene	15.26	252	394384	43.094	ng	#	96
89) Benzo(a)pyrene	15.62	252	399346	46.744	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	378591	52.290	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	401624	56.752	ng	#	90

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

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