Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110468.D
Acq On : 5 Nov 2018 16:43
Operator : JU/SJ
Sample : J5812-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-AMSD

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:57 AM

Quant Time: Nov 06 04:05:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97024	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	411032	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	203714	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	373707	20.00	ng		0.00
76) Chrysene-d12	14.14	240	217550	20.00	ng		0.00
87) Perylene-d12	15.66	264	173552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	706729	118.62	ng		0.01
7) Phenol-d6	6.59	99	916601	120.28	ng		0.00
23) Nitrobenzene-d5	7.52	82	576539	83.20	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	240193	119.03	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	996808	76.84	ng		0.00
79) Terphenyl-d14	13.07	244	942406	90.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	75864	24.303	ng		89
3) Pyridine	3.65	79	213948	30.772	ng	#	85
4) n-Nitrosodimethylamine	3.60	42	111967	38.438	ng		90
6) Aniline	6.62	93	287622	28.973	ng	#	53
8) 2-Chlorophenol	6.75	128	255096	37.137	ng		99
9) Benzaldehyde	6.51	77	151176	32.342	ng		96
10) Phenol	6.60	94	365752	44.899	ng	#	68
11) bis(2-Chloroethyl)ether	6.69	93	229119	34.187	ng		97
12) 1,3-Dichlorobenzene	6.90	146	259591	34.340	ng		96
13) 1,4-Dichlorobenzene	6.97	146	263431	34.456	ng		98
14) 1,2-Dichlorobenzene	7.13	146	250349	35.274	ng		99
15) Benzyl Alcohol	7.10	79	224785	38.351	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	371906	34.707	ng		70
17) 2-Methylphenol	7.20	107	210764	38.500	ng	#	81
18) Hexachloroethane	7.46	117	99136	35.418	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	175496	35.896	ng		96
20) 3+4-Methylphenols	7.36	107	268203	37.901	ng		90
22) Acetophenone	7.36	105	356912	37.684	ng	#	92
24) Nitrobenzene	7.54	77	263951	36.893	ng		97
25) Isophorone	7.77	82	491944	41.645	ng		97
26) 2-Nitrophenol	7.86	139	136247	40.018	ng		94
27) 2,4-Dimethylphenol	7.89	122	236094	41.826	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	306850	38.238	ng		99
29) 2,4-Dichlorophenol	8.10	162	221453	38.833	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	226181	35.409	ng		97
31) Naphthalene	8.26	128	736375	38.871	ng		99
32) Benzoic acid	7.95	122	7538m	1.728	ng		
33) 4-Chloroaniline	8.31	127	182350	21.388	ng		99
34) Hexachlorobutadiene	8.37	225	123885	34.929	ng		98
35) Caprolactam	8.68	113	65617m	33.012	ng		
36) 4-Chloro-3-methylphenol	8.79	107	241879	39.223	ng		96
37) 2-Methylnaphthalene	8.95	142	519845	41.475	ng		98
38) 1-Methylnaphthalene	9.05	142	484566	40.006	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	220368	34.718	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	196552	60.559 ng		98
43) 2,4,6-Trichlorophenol	9.23	196	150791	36.833 ng		94
44) 2,4,5-Trichlorophenol	9.27	196	158916	36.723 ng		93
46) 1,1'-Biphenyl	9.42	154	629645	34.179 ng		99
47) 2-Chloronaphthalene	9.45	162	480290	35.543 ng		100
48) 2-Nitroaniline	9.55	65	156259	38.160 ng		92
49) Acenaphthylene	9.86	152	747691	38.309 ng		99
50) Dimethylphthalate	9.72	163	736940	49.006 ng		100
51) 2,6-Dinitrotoluene	9.79	165	127604	39.394 ng		87
52) Acenaphthene	10.03	154	447295	34.643 ng		98
53) 3-Nitroaniline	9.96	138	108444	28.153 ng		91
54) 2,4-Dinitrophenol	10.07	184	34174	30.038 ng		87
55) Dibenzofuran	10.20	168	658216	36.411 ng		99
56) 4-Nitrophenol	10.13	139	260330	91.314 ng		90
57) 2,4-Dinitrotoluene	10.19	165	165800	40.298 ng		92
58) Fluorene	10.55	166	532430	39.574 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	133030	37.715 ng		94
60) Diethylphthalate	10.41	149	554081	37.746 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	250973	35.361 ng		97
62) 4-Nitroaniline	10.57	138	137492	35.888 ng		96
63) Azobenzene	10.70	77	535775	36.771 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	52173	30.558 ng		91
66) n-Nitrosodiphenylamine	10.66	169	468142	38.192 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	149657	36.919 ng		94
68) Hexachlorobenzene	11.10	284	155096	36.060 ng	#	91
69) Atrazine	11.18	200	150313	38.804 ng		99
70) Pentachlorophenol	11.29	266	130587	52.069 ng		97
71) Phenanthrene	11.52	178	760868	38.911 ng		99
72) Anthracene	11.57	178	785306	40.067 ng		100
73) Carbazole	11.72	167	677948	35.426 ng		99
74) Di-n-butylphthalate	12.03	149	843030	39.005 ng		99
75) Fluoranthene	12.71	202	731325	36.852 ng		99
77) Benzidine	12.83	184	329970	Below Cal		96
78) Pyrene	12.94	202	705708	45.248 ng		99
80) Butylbenzylphthalate	13.54	149	312230	46.123 ng		93
81) Benzo(a)anthracene	14.13	228	503187	39.003 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	115363	25.680 ng		99
83) Chrysene	14.16	228	462099	37.711 ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	407277	44.506 ng		96
85) Di-n-octyl phthalate	14.70	149	570027	40.060 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	456264	44.884 ng		97
88) Benzo(b)fluoranthene	15.20	252	408212	40.732 ng		99
89) Benzo(k)fluoranthene	15.24	252	367787	37.329 ng		98
90) Benzo(a)pyrene	15.60	252	376621	40.840 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	378183	47.528 ng		99
92) Benzo(g,h,i)perylene	17.71	276	378472	48.268 ng		97

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

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