Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111385.D
Acq On : 13 Dec 2018 22:21
Operator : JU/SJ
Sample : J6305-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Manual Integrations APPROVED
Sohil
12/14/2018 12:53:38 PM

Quant Time: Dec 14 00:23:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	288806	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1190567	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	472705	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	663315	20.00	ng		0.00
76) Chrysene-d12	13.96	240	388090	20.00	ng		0.00
87) Perylene-d12	15.39	264	328421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	778547	45.59	ng		0.02
7) Phenol-d6	6.47	99	598194	25.98	ng		0.04
23) Nitrobenzene-d5	7.36	82	1244707	58.93	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	284209	68.21	ng		0.01
45) 2-Fluorobiphenyl	9.16	172	1723676	58.54	ng		0.00
79) Terphenyl-d14	12.90	244	973695	55.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	128563	15.070	ng	#	89
3) Pyridine	3.32	79	279820	13.352	ng		98
4) n-Nitrosodimethylamine	3.21	42	137190	14.033	ng		93
6) Aniline	6.46	93	340167	12.211	ng	#	1
8) 2-Chlorophenol	6.60	128	445081	21.202	ng		96
9) Benzaldehyde	6.34	77	196456	12.088	ng		99
10) Phenol	6.49	94	5789395	221.948	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	506746	24.694	ng		99
12) 1,3-Dichlorobenzene	6.74	146	517830	22.787	ng		99
13) 1,4-Dichlorobenzene	6.82	146	502283	21.834	ng		98
14) 1,2-Dichlorobenzene	6.97	146	470357	22.101	ng		96
15) Benzyl Alcohol	6.96	79	325801	18.477	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1006287m	25.312	ng		
17) 2-Methylphenol	7.09	107	892783	52.633	ng		96
18) Hexachloroethane	7.31	117	181605	21.264	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	419439	27.412	ng		98
20) 3+4-Methylphenols	7.25	107	1288540	63.699	ng	#	61
22) Acetophenone	7.21	105	991513	35.853	ng	#	85
24) Nitrobenzene	7.38	77	577537	26.544	ng		98
25) Isophorone	7.63	82	994639	27.721	ng	#	98
26) 2-Nitrophenol	7.70	139	253283	23.683	ng		98
27) 2,4-Dimethylphenol	7.75	122	551272	33.957	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	625988	25.418	ng		99
29) 2,4-Dichlorophenol	7.96	162	477785	28.213	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	392177	22.538	ng		99
31) Naphthalene	8.10	128	1587125	28.613	ng		97
32) Benzoic acid	8.05	122	2716669m	201.301	ng		
33) 4-Chloroaniline	8.16	127	14041	0.593	ng	#	61
34) Hexachlorobutadiene	8.22	225	219940	22.784	ng		97
35) Caprolactam	8.66	113	2033007m	342.600	ng		
36) 4-Chloro-3-methylphenol	8.68	107	367196	20.347	ng	#	79
37) 2-Methylnaphthalene	8.79	142	935077	26.078	ng		99
38) 1-Methylnaphthalene	8.89	142	847570	24.491	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	351338	26.442	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	106381	15.333	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	232651	24.463	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	221391	22.027	ng		94
46) 1,1'-Biphenyl	9.26	154	1051761	26.077	ng		96
47) 2-Chloronaphthalene	9.28	162	803840	26.024	ng		98
48) 2-Nitroaniline	9.39	65	242585	24.169	ng		94
49) Acenaphthylene	9.70	152	1210030	26.814	ng		95
50) Dimethylphthalate	9.56	163	1046206	30.777	ng		100
51) 2,6-Dinitrotoluene	9.62	165	178943	23.748	ng		94
52) Acenaphthene	9.87	154	682283	23.971	ng		98
53) 3-Nitroaniline	9.80	138	91923	10.150	ng	#	98
54) 2,4-Dinitrophenol	9.90	184	23620	7.990	ng	#	66
55) Dibenzofuran	10.04	168	1013806	24.673	ng		96
56) 4-Nitrophenol	10.00	139	108017	16.561	ng		94
57) 2,4-Dinitrotoluene	10.02	165	215197	22.284	ng	#	96
58) Fluorene	10.38	166	751641	25.571	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173683	22.369	ng	#	97
60) Diethylphthalate	10.26	149	817576	23.890	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	335158	23.000	ng		98
62) 4-Nitroaniline	10.40	138	133741	15.363	ng		97
63) Azobenzene	10.53	77	821263	23.801	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	20795	5.461	ng	#	46
66) n-Nitrosodiphenylamine	10.49	169	639491	27.102	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	187777	25.429	ng		97
68) Hexachlorobenzene	10.93	284	188769	24.826	ng		97
69) Atrazine	11.05	200	128683	18.856	ng		99
70) Pentachlorophenol	11.13	266	204855	40.485	ng		97
71) Phenanthrene	11.35	178	910708	26.563	ng		94
72) Anthracene	11.39	178	920286	26.361	ng		95
73) Carbazole	11.55	167	825995	22.883	ng		95
74) Di-n-butylphthalate	11.89	149	1078554	26.242	ng		96
75) Fluoranthene	12.53	202	836962	25.006	ng		99
77) Benzidine	12.66	184	939	0.128	ng	#	1
78) Pyrene	12.76	202	855197	28.553	ng		96
80) Butylbenzylphthalate	13.38	149	407999	28.371	ng		93
81) Benzo(a)anthracene	13.94	228	557782	25.687	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	409	0.050	ng	#	1
83) Chrysene	13.98	228	561668	25.353	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	480669	27.341	ng		99
85) Di-n-octyl phthalate	14.55	149	797806	27.637	ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	492159	28.404	ng		98
88) Benzo(b)fluoranthene	14.97	252	515996	27.630	ng		98
89) Benzo(k)fluoranthene	15.00	252	457826	24.560	ng		99
90) Benzo(a)pyrene	15.33	252	443156	25.486	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	412975	28.546	ng		97
92) Benzo(g,h,i)perylene	17.23	276	403420	27.891	ng		97

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

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