Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111386.D
Acq On : 13 Dec 2018 22:48
Operator : JU/SJ
Sample : J6305-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Manual Integrations APPROVED
Sohil
12/14/2018 12:53:41 PM

Quant Time: Dec 14 00:28:34 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	267155	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1001131	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	439430	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	624035	20.00	ng		0.00
76) Chrysene-d12	13.96	240	411410	20.00	ng		0.00
87) Perylene-d12	15.39	264	329281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	729483	46.17	ng		0.02
7) Phenol-d6	6.47	99	510911	23.99	ng		0.04
23) Nitrobenzene-d5	7.36	82	1048887	59.05	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	272261	70.29	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1657952	60.57	ng		0.00
79) Terphenyl-d14	12.90	244	944453	50.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	128755	16.316	ng	#	91
3) Pyridine	3.32	79	310113	15.997	ng		98
4) n-Nitrosodimethylamine	3.21	42	145453	16.084	ng		91
6) Aniline	6.46	93	368600	14.304	ng	#	1
8) 2-Chlorophenol	6.60	128	420199	21.639	ng		96
9) Benzaldehyde	6.34	77	177090	11.741	ng		98
10) Phenol	6.49	94	5165504	214.079	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	513389	27.046	ng		98
12) 1,3-Dichlorobenzene	6.74	146	509242	24.225	ng		98
13) 1,4-Dichlorobenzene	6.82	146	512539	24.085	ng		99
14) 1,2-Dichlorobenzene	6.97	146	456724	23.200	ng		97
15) Benzyl Alcohol	6.96	79	305254	18.715	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	942882	25.639	ng		53
17) 2-Methylphenol	7.09	107	749319	47.756	ng		95
18) Hexachloroethane	7.31	117	164465	20.817	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	367047	25.932	ng		96
20) 3+4-Methylphenols	7.25	107	1031435	55.122	ng	#	60
22) Acetophenone	7.21	105	863780	37.144	ng	#	87
24) Nitrobenzene	7.38	77	520588	28.454	ng		99
25) Isophorone	7.63	82	907067	30.064	ng	#	98
26) 2-Nitrophenol	7.70	139	224889	25.007	ng		100
27) 2,4-Dimethylphenol	7.75	122	475429	34.827	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	575788	27.804	ng		99
29) 2,4-Dichlorophenol	7.96	162	421132	29.573	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	359429	24.565	ng		99
31) Naphthalene	8.10	128	1428007	30.615	ng		97
32) Benzoic acid	8.03	122	2041689m	179.913	ng		
33) 4-Chloroaniline	8.16	127	24337	1.222	ng	#	86
34) Hexachlorobutadiene	8.22	225	203409	25.059	ng		98
35) Caprolactam	8.54	113	22905	4.590	ng	#	1
36) 4-Chloro-3-methylphenol	8.68	107	394327	25.985	ng	#	80
37) 2-Methylnaphthalene	8.80	142	970108	32.174	ng		99
38) 1-Methylnaphthalene	8.90	142	896671	30.812	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358498	29.024	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	102431	15.881	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	245623	27.783	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	224345	24.011	ng		96
46) 1,1'-Biphenyl	9.26	154	1084166	28.916	ng		96
47) 2-Chloronaphthalene	9.28	162	819705	28.548	ng		99
48) 2-Nitroaniline	9.39	65	263775	28.270	ng		94
49) Acenaphthylene	9.70	152	1262943	30.106	ng		95
50) Dimethylphthalate	9.56	163	1051473	33.275	ng		100
51) 2,6-Dinitrotoluene	9.62	165	190001	27.125	ng		93
52) Acenaphthene	9.87	154	705538	26.665	ng		99
53) 3-Nitroaniline	9.80	138	85663	10.175	ng	#	94
54) 2,4-Dinitrophenol	9.90	184	25995	9.459	ng	#	74
55) Dibenzofuran	10.04	168	1047348	27.419	ng		96
56) 4-Nitrophenol	10.00	139	100900	16.642	ng		95
57) 2,4-Dinitrotoluene	10.02	165	222863	24.826	ng		99
58) Fluorene	10.38	166	785476	28.746	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	182127	25.232	ng		98
60) Diethylphthalate	10.26	149	852366	26.793	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	345914	25.536	ng		98
62) 4-Nitroaniline	10.40	138	144789	17.892	ng		97
63) Azobenzene	10.53	77	831099	25.910	ng		95
65) 4,6-Dinitro-2-methylphenol	10.43	198	23384	6.527	ng	#	64
66) n-Nitrosodiphenylamine	10.49	169	655353	29.523	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	193216	27.813	ng		94
68) Hexachlorobenzene	10.93	284	196931	27.529	ng		97
69) Atrazine	11.04	200	139456	21.721	ng		99
70) Pentachlorophenol	11.13	266	206819	43.446	ng		95
71) Phenanthrene	11.34	178	945441	29.312	ng		94
72) Anthracene	11.39	178	960710	29.251	ng		96
73) Carbazole	11.55	167	869259	25.597	ng		96
74) Di-n-butylphthalate	11.89	149	1120654	28.983	ng		96
75) Fluoranthene	12.53	202	877794	27.877	ng		98
77) Benzidine	12.66	184	464	0.060	ng	#	1
78) Pyrene	12.76	202	875574	27.576	ng		96
80) Butylbenzylphthalate	13.38	149	425971	27.942	ng		95
81) Benzo(a)anthracene	13.94	228	657378	28.558	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	791	0.091	ng	#	11
83) Chrysene	13.98	228	662783	28.221	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	568173	30.486	ng		99
85) Di-n-octyl phthalate	14.55	149	956399	31.253	ng		96
86) Indeno(1,2,3-cd)pyrene	16.80	276	511788	27.863	ng		98
88) Benzo(b)fluoranthene	14.97	252	586219	31.308	ng		98
89) Benzo(k)fluoranthene	15.00	252	520411	27.845	ng		99
90) Benzo(a)pyrene	15.33	252	517950	29.709	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	433779	29.906	ng		97
92) Benzo(g,h,i)perylene	17.23	276	414205	28.562	ng		98

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

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