Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111663.D
Acq On : 21 Dec 2018 2:32
Operator : JU/SJ
Sample : J6447-09MS 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:55 PM

Quant Time: Dec 21 12:20:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	193872	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	711638	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	297101	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	462323	20.00	ng		0.00
76) Chrysene-d12	14.04	240	472155	20.00	ng		0.00
87) Perylene-d12	15.52	264	341195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	98179	8.63	ng		0.00
7) Phenol-d6	6.51	99	128766	8.90	ng		-0.01
23) Nitrobenzene-d5	7.45	82	72957	5.97	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	24520	6.98	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	141116	6.92	ng		0.00
79) Terphenyl-d14	12.99	244	120299	4.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	12222	2.284	ng	#	86
3) Pyridine	3.47	79	28575	2.050	ng		96
4) n-Nitrosodimethylamine	3.38	42	20092	2.945	ng	#	81
6) Aniline	6.55	93	14625	0.793	ng		96
8) 2-Chlorophenol	6.67	128	36371	2.887	ng		95
9) Benzaldehyde	6.44	77	11046	1.110	ng		94
10) Phenol	6.52	94	55343	3.389	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	33585	2.744	ng		99
12) 1,3-Dichlorobenzene	6.84	146	40243	2.756	ng		98
13) 1,4-Dichlorobenzene	6.91	146	40492	2.734	ng		99
14) 1,2-Dichlorobenzene	7.07	146	40150	2.906	ng		93
15) Benzyl Alcohol	7.02	79	31802	2.766	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	56639	2.513	ng		97
17) 2-Methylphenol	7.13	107	28907	2.865	ng	#	88
18) Hexachloroethane	7.41	117	9542	1.912	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	25771	2.681	ng		94
20) 3+4-Methylphenols	7.29	107	40292	3.161	ng	#	78
22) Acetophenone	7.29	105	52082	2.889	ng	#	92
24) Nitrobenzene	7.46	77	38086	2.972	ng		95
25) Isophorone	7.70	82	64646	2.978	ng		98
26) 2-Nitrophenol	7.79	139	13202	2.540	ng	#	94
27) 2,4-Dimethylphenol	7.82	122	32500	3.172	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	40650	2.815	ng		97
29) 2,4-Dichlorophenol	8.03	162	28607	2.596	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	33241	2.707	ng		96
31) Naphthalene	8.20	128	104973	3.070	ng		95
32) Benzoic acid	7.86	122	11566m	1.708	ng		
33) 4-Chloroaniline	8.24	127	14975	1.013	ng		97
34) Hexachlorobutadiene	8.32	225	19339	2.584	ng		97
35) Caprolactam	8.56	113	7420m	1.987	ng		
36) 4-Chloro-3-methylphenol	8.71	107	27844	2.571	ng		96
37) 2-Methylnaphthalene	8.89	142	66366	2.983	ng		97
38) 1-Methylnaphthalene	8.99	142	60925	2.852	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	31323	3.208	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	2777	0.586	ng		81
43) 2,4,6-Trichlorophenol	9.16	196	18202	2.793	ng		96
44) 2,4,5-Trichlorophenol	9.20	196	18325	2.740	ng		91
46) 1,1'-Biphenyl	9.35	154	82115	3.274	ng		94
47) 2-Chloronaphthalene	9.37	162	60408	3.040	ng		93
48) 2-Nitroaniline	9.46	65	16654	3.222	ng	#	86
49) Acenaphthylene	9.79	152	89263	3.077	ng		93
50) Dimethylphthalate	9.64	163	76927	3.541	ng		98
51) 2,6-Dinitrotoluene	9.70	165	10746	2.481	ng		87
52) Acenaphthene	9.96	154	52271	2.921	ng		99
53) 3-Nitroaniline	9.87	138	9282	2.009	ng		84
54) 2,4-Dinitrophenol	9.97	184	273	7.486	ng	#	1
55) Dibenzofuran	10.13	168	77974	2.884	ng		94
56) 4-Nitrophenol	10.02	139	14772	4.190	ng		84
57) 2,4-Dinitrotoluene	10.10	165	10948	2.103	ng	#	84
58) Fluorene	10.47	166	58681	3.012	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	13786	2.450	ng	#	90
60) Diethylphthalate	10.35	149	62981	2.955	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	29438	2.735	ng		90
62) 4-Nitroaniline	10.47	138	11233	2.501	ng		91
63) Azobenzene	10.63	77	52521	2.455	ng		95
65) 4,6-Dinitro-2-methylphenol	10.51	198	353	6.852	ng	#	66
66) n-Nitrosodiphenylamine	10.58	169	49072	3.162	ng		96
67) 4-Bromophenyl-phenylether	10.96	248	17311	3.019	ng		91
68) Hexachlorobenzene	11.03	284	18016	2.818	ng		96
69) Atrazine	11.10	200	16630	3.085	ng		94
70) Pentachlorophenol	11.22	266	15862	4.013	ng		97
71) Phenanthrene	11.44	178	77619	3.166	ng		93
72) Anthracene	11.49	178	75478	3.067	ng		95
73) Carbazole	11.63	167	66233	2.772	ng	#	94
74) Di-n-butylphthalate	11.97	149	76442	2.853	ng		96
75) Fluoranthene	12.62	202	77677	3.129	ng		94
77) Benzidine	12.72	184	4273	0.241	ng	#	65
78) Pyrene	12.85	202	82480	2.474	ng		95
80) Butylbenzylphthalate	13.47	149	33256	2.447	ng		91
81) Benzo(a)anthracene	14.04	228	80608	2.991	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	10409	0.978	ng	#	95
83) Chrysene	14.07	228	77275	2.918	ng		93
84) Bis(2-ethylhexyl)phthalate	14.03	149	46990	2.745	ng	#	97
85) Di-n-octyl phthalate	14.64	149	80055	3.018	ng	#	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	48717	2.164	ng	#	89
88) Benzo(b)fluoranthene	15.09	252	61319	3.075	ng	#	97
89) Benzo(k)fluoranthene	15.12	252	63629m	3.352	ng		
90) Benzo(a)pyrene	15.46	252	54641	3.016	ng	#	96
91) Dibenzo(a,h)anthracene	17.02	278	40198	2.534	ng		92
92) Benzo(g,h,i)perylene	17.44	276	38471	2.483	ng	#	89

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

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