Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111692.D
Acq On : 21 Dec 2018 17:28
Operator : JU/SJ
Sample : J6447-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
12/26/2018 3:10:47 PM

Quant Time: Dec 21 23:58:27 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	166109	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	589597	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	260960	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	435505	20.00	ng		0.00
76) Chrysene-d12	14.07	240	324795	20.00	ng		0.02
87) Perylene-d12	15.56	264	246147	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	791774	81.25	ng		0.02
7) Phenol-d6	6.54	99	1015346	81.87	ng		0.02
23) Nitrobenzene-d5	7.46	82	625318	61.73	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	249897	81.04	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1094837	61.15	ng		0.00
79) Terphenyl-d14	13.01	244	989732	57.79	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	89353	19.488	ng		97
3) Pyridine	3.50	79	246764	20.658	ng		98
4) n-Nitrosodimethylamine	3.40	42	169155	28.935	ng		82
6) Aniline	6.56	93	62734	3.968	ng	#	86
8) 2-Chlorophenol	6.69	128	301329	27.913	ng		95
9) Benzaldehyde	6.45	77	94299	11.055	ng		95
10) Phenol	6.55	94	460652	32.919	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	283981	27.082	ng		98
12) 1,3-Dichlorobenzene	6.85	146	334400	26.730	ng		98
13) 1,4-Dichlorobenzene	6.92	146	339281	26.741	ng		96
14) 1,2-Dichlorobenzene	7.07	146	317121	26.790	ng		97
15) Benzyl Alcohol	7.04	79	263902	26.793	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	478536	24.779	ng		99
17) 2-Methylphenol	7.16	107	238945	27.643	ng		96
18) Hexachloroethane	7.42	117	73517	17.195	ng	#	90
19) n-Nitroso-di-n-propylamine	7.31	70	215722	26.191	ng		98
20) 3+4-Methylphenols	7.30	107	318582	29.168	ng	#	85
22) Acetophenone	7.30	105	408861	27.373	ng	#	98
24) Nitrobenzene	7.48	77	316254	29.790	ng		97
25) Isophorone	7.72	82	549326	30.548	ng		99
26) 2-Nitrophenol	7.80	139	148196	34.419	ng		95
27) 2,4-Dimethylphenol	7.83	122	265733	31.308	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	340362	28.444	ng		100
29) 2,4-Dichlorophenol	8.04	162	250283	27.416	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	274949	27.027	ng		97
31) Naphthalene	8.20	128	843982	29.792	ng		97
32) Benzoic acid	7.95	122	165692	29.525	ng		96
33) 4-Chloroaniline	8.25	127	47249	3.859	ng		97
34) Hexachlorobutadiene	8.33	225	166242	26.812	ng		96
35) Caprolactam	8.62	113	70720	22.861	ng	#	86
36) 4-Chloro-3-methylphenol	8.73	107	238359	26.561	ng		98
37) 2-Methylnaphthalene	8.90	142	553495	30.030	ng		98
38) 1-Methylnaphthalene	9.00	142	515437	29.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	266205	31.044	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	22952	5.516	ng		94
43) 2,4,6-Trichlorophenol	9.17	196	168553	29.441	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	171924	29.271	ng		94
46) 1,1'-Biphenyl	9.36	154	687736	31.220	ng		93
47) 2-Chloronaphthalene	9.39	162	501041	28.707	ng		93
48) 2-Nitroaniline	9.47	65	155036	34.145	ng		98
49) Acenaphthylene	9.80	152	752003	29.510	ng		96
50) Dimethylphthalate	9.66	163	652030	34.168	ng		98
51) 2,6-Dinitrotoluene	9.72	165	118172	31.056	ng		98
52) Acenaphthene	9.97	154	449140	28.577	ng		99
53) 3-Nitroaniline	9.88	138	57372	14.137	ng		95
54) 2,4-Dinitrophenol	9.98	184	22077	23.734	ng	#	1
55) Dibenzofuran	10.15	168	664956	28.004	ng		94
56) 4-Nitrophenol	10.05	139	183028	59.098	ng		91
57) 2,4-Dinitrotoluene	10.12	165	145659	31.850	ng	#	95
58) Fluorene	10.49	166	508229	29.703	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	145512	29.439	ng		89
60) Diethylphthalate	10.36	149	542907	29.002	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	254940	26.969	ng		89
62) 4-Nitroaniline	10.49	138	67786	17.186	ng		93
63) Azobenzene	10.64	77	475974	25.327	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	19069	15.810	ng		86
66) n-Nitrosodiphenylamine	10.59	169	425284	29.091	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	151773	28.098	ng		91
68) Hexachlorobenzene	11.04	284	174778	29.020	ng		94
69) Atrazine	11.12	200	155187	30.556	ng		96
70) Pentachlorophenol	11.23	266	182919	49.128	ng		96
71) Phenanthrene	11.45	178	725181	31.398	ng		93
72) Anthracene	11.50	178	709610	30.609	ng		95
73) Carbazole	11.65	167	616033	27.370	ng		95
74) Di-n-butylphthalate	11.99	149	749350	29.694	ng		96
75) Fluoranthene	12.64	202	718342	30.714	ng		94
77) Benzidine	12.73	184	41468m	3.393	ng		
78) Pyrene	12.87	202	723428	31.541	ng		96
80) Butylbenzylphthalate	13.49	149	285844	30.574	ng	#	90
81) Benzo(a)anthracene	14.06	228	549612	29.651	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	4379	0.598	ng	#	54
83) Chrysene	14.09	228	494583	27.148	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	387942	32.942	ng	#	98
85) Di-n-octyl phthalate	14.67	149	577558	31.654	ng		100
86) Indeno(1,2,3-cd)pyrene	17.05	276	405796	26.202	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	439032	30.518	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	416931	30.442	ng		96
90) Benzo(a)pyrene	15.49	252	387417	29.643	ng	#	95
91) Dibenzo(a,h)anthracene	17.07	278	340600	29.760	ng	#	90
92) Benzo(g,h,i)perylene	17.50	276	318126	28.466	ng	#	88

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

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