Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111635.D
Acq On : 20 Dec 2018 13:17
Operator : JU/SJ
Sample : J6481-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB-1MS

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:36 PM

Quant Time: Dec 21 06:28:52 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	194767	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	729065	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	368047	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	633783	20.00	ng		0.00
76) Chrysene-d12	14.05	240	434943	20.00	ng		0.00
87) Perylene-d12	15.53	264	459347	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1519128	132.95	ng		0.01
7) Phenol-d6	6.53	99	1978977	136.09	ng		0.01
23) Nitrobenzene-d5	7.46	82	1240210	99.02	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	564775	129.87	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2178113	86.26	ng		0.00
79) Terphenyl-d14	13.00	244	1784011	77.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	192490	35.805	ng		98
3) Pyridine	3.52	79	523427	37.372	ng		95
4) n-Nitrosodimethylamine	3.45	42	321996	46.976	ng		83
6) Aniline	6.56	93	609377	32.875	ng		97
8) 2-Chlorophenol	6.69	128	569165	44.966	ng		100
9) Benzaldehyde	6.45	77	429307	42.925	ng		96
10) Phenol	6.55	94	799655	48.737	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	529130	43.036	ng		98
12) 1,3-Dichlorobenzene	6.84	146	616458	42.025	ng		99
13) 1,4-Dichlorobenzene	6.92	146	632119	42.491	ng		97
14) 1,2-Dichlorobenzene	7.07	146	595467	42.902	ng		97
15) Benzyl Alcohol	7.03	79	524718	45.434	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	936154	41.341	ng		99
17) 2-Methylphenol	7.15	107	470769	46.449	ng		96
18) Hexachloroethane	7.42	117	215148	42.917	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	414325	42.902	ng		97
20) 3+4-Methylphenols	7.30	107	582601	45.492	ng		92
22) Acetophenone	7.30	105	767819	41.571	ng	#	94
24) Nitrobenzene	7.47	77	613531	46.736	ng		97
25) Isophorone	7.72	82	1091968	49.109	ng		97
26) 2-Nitrophenol	7.79	139	290137	54.495	ng		95
27) 2,4-Dimethylphenol	7.83	122	499091	47.554	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	666991	45.077	ng		98
29) 2,4-Dichlorophenol	8.03	162	513290	45.469	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	527281	41.916	ng		98
31) Naphthalene	8.20	128	1621315	46.283	ng		97
32) Benzoic acid	7.95	122	296953	42.793	ng		90
33) 4-Chloroaniline	8.24	127	218036	14.400	ng		98
34) Hexachlorobutadiene	8.33	225	311858	40.676	ng		97
35) Caprolactam	8.64	113	156104m	40.809	ng		
36) 4-Chloro-3-methylphenol	8.73	107	507258	45.713	ng		98
37) 2-Methylnaphthalene	8.89	142	1098019	48.178	ng		98
38) 1-Methylnaphthalene	8.99	142	1026778	46.909	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	506611	41.890	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	480228	81.828	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	357120	44.228	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	378066	45.640	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1305366	42.015	ng		96
47) 2-Chloronaphthalene	9.38	162	1024990	41.640	ng		96
48) 2-Nitroaniline	9.47	65	323228	50.475	ng		97
49) Acenaphthylene	9.80	152	1626040	45.243	ng		96
50) Dimethylphthalate	9.66	163	1414054	52.539	ng		98
51) 2,6-Dinitrotoluene	9.71	165	269906	50.293	ng	#	85
52) Acenaphthene	9.97	154	1020751	46.049	ng		98
53) 3-Nitroaniline	9.88	138	165440	28.905	ng		95
54) 2,4-Dinitrophenol	9.99	184	175289	99.788	ng	#	83
55) Dibenzofuran	10.14	168	1423180	42.497	ng		97
56) 4-Nitrophenol	10.04	139	426630	97.673	ng		91
57) 2,4-Dinitrotoluene	10.12	165	350518	54.344	ng	#	99
58) Fluorene	10.49	166	1066571	44.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	327941	47.042	ng		89
60) Diethylphthalate	10.36	149	1166401	44.180	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	544034	40.805	ng		92
62) 4-Nitroaniline	10.49	138	245253	44.088	ng		89
63) Azobenzene	10.63	77	1084561	40.919	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	126682	48.313	ng		85
66) n-Nitrosodiphenylamine	10.59	169	981022	46.112	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	347846	44.250	ng		93
68) Hexachlorobenzene	11.03	284	373192	42.579	ng		97
69) Atrazine	11.12	200	320834	43.409	ng		96
70) Pentachlorophenol	11.22	266	404107	74.579	ng		98
71) Phenanthrene	11.44	178	1510451	44.938	ng		96
72) Anthracene	11.49	178	1536424	45.540	ng		96
73) Carbazole	11.64	167	1295915	39.564	ng		95
74) Di-n-butylphthalate	11.98	149	1595544	43.446	ng		96
75) Fluoranthene	12.63	202	1314334	38.615	ng		96
77) Benzidine	12.74	184	322600	19.711	ng		97
78) Pyrene	12.86	202	1285188	41.843	ng		96
80) Butylbenzylphthalate	13.47	149	534343	42.679	ng	#	87
81) Benzo(a)anthracene	14.04	228	1103189	44.444	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	334262	34.083	ng		96
83) Chrysene	14.08	228	1072412	43.958	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	700833	44.440	ng		97
85) Di-n-octyl phthalate	14.64	149	1195462	48.926	ng		96
86) Indeno(1,2,3-cd)pyrene	17.01	276	1037895	50.045	ng	#	89
88) Benzo(b)fluoranthene	15.10	252	1172143	43.662	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	1098221	42.969	ng	#	96
90) Benzo(a)pyrene	15.47	252	1104542	45.287	ng	#	94
91) Dibenzo(a,h)anthracene	17.03	278	882130	41.303	ng	#	91
92) Benzo(g,h,i)perylene	17.46	276	810654	38.871	ng	#	88

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

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