Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110858.D
Acq On : 19 Nov 2018 17:32
Operator : JU/SJ
Sample : J5981-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Manual Integrations APPROVED

Sohil

11/20/2018 11:07:39 AM

Quant Time: Nov 20 01:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62334	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	258040	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	116775	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	179720	20.00	ng		0.00
76) Chrysene-d12	14.15	240	126505	20.00	ng		0.01
87) Perylene-d12	15.67	264	107765	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	131378	34.23	ng		0.00
7) Phenol-d6	6.56	99	169289	34.50	ng		-0.01
23) Nitrobenzene-d5	7.50	82	103659	23.13	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	33153	28.18	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	180581	22.09	ng		-0.01
79) Terphenyl-d14	13.06	244	135381	20.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	11216	5.866	ng	#	88
3) Pyridine	3.59	79	27826	6.742	ng	#	85
4) n-Nitrosodimethylamine	3.53	42	13612	7.687	ng	#	92
6) Aniline	6.61	93	26248	4.102	ng	#	62
8) 2-Chlorophenol	6.73	128	41000	9.114	ng		98
9) Benzaldehyde	6.50	77	18241	4.765	ng		99
10) Phenol	6.58	94	70782	12.439	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	37068	8.692	ng		91
12) 1,3-Dichlorobenzene	6.88	146	40802	8.289	ng		97
13) 1,4-Dichlorobenzene	6.96	146	42661	8.535	ng		99
14) 1,2-Dichlorobenzene	7.11	146	40762	8.766	ng		98
15) Benzyl Alcohol	7.09	79	33449	8.710	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.21	45	58464	8.730	ng		80
17) 2-Methylphenol	7.19	107	34943	9.760	ng	#	83
18) Hexachloroethane	7.45	117	12763	6.916	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	27789	8.871	ng		94
20) 3+4-Methylphenols	7.35	107	52503m	11.423	ng		
22) Acetophenone	7.35	105	59207	9.845	ng	#	91
24) Nitrobenzene	7.52	77	41858	9.118	ng		97
25) Isophorone	7.76	82	74957	10.207	ng		98
26) 2-Nitrophenol	7.85	139	17316	7.561	ng		96
27) 2,4-Dimethylphenol	7.87	122	38671	11.087	ng		95
28) bis(2-Chloroethoxy)methane	7.96	93	47519	9.557	ng		98
29) 2,4-Dichlorophenol	8.10	162	33036	9.205	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	35328	8.731	ng		95
31) Naphthalene	8.25	128	961746	79.394	ng		100
32) Benzoic acid	8.02	122	5767m	2.337	ng		
33) 4-Chloroaniline	8.30	127	27088	4.937	ng		96
34) Hexachlorobutadiene	8.35	225	19144	8.283	ng		98
35) Caprolactam	8.64	113	10059	8.389	ng		89
36) 4-Chloro-3-methylphenol	8.78	107	35427	9.153	ng		95
37) 2-Methylnaphthalene	8.94	142	220447	27.760	ng		98
38) 1-Methylnaphthalene	9.03	142	195472m	25.595	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	32947	8.913	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	21330	9.183	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	22599	9.121	ng		92
46) 1,1'-Biphenyl	9.40	154	166913	15.322	ng		98
47) 2-Chloronaphthalene	9.43	162	70961	9.042	ng		98
48) 2-Nitroaniline	9.53	65	24510	10.135	ng		95
49) Acenaphthylene	9.85	152	761090	67.340	ng		99
50) Dimethylphthalate	9.69	163	103146	11.838	ng		99
51) 2,6-Dinitrotoluene	9.77	165	15531	8.103	ng		94
52) Acenaphthene	10.02	154	243493	34.090	ng		99
53) 3-Nitroaniline	9.95	138	17464	7.864	ng	#	93
55) Dibenzofuran	10.19	168	550344	52.664	ng		99
56) 4-Nitrophenol	10.13	139	18713	12.702	ng		95
57) 2,4-Dinitrotoluene	10.19	165	17733	7.115	ng	#	1
58) Fluorene	10.54	166	730931	91.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	16477	8.453	ng	#	80
60) Diethylphthalate	10.39	149	82531	9.574	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	35430	8.525	ng		99
62) 4-Nitroaniline	10.56	138	16313	7.295	ng		99
63) Azobenzene	10.68	77	71159	8.461	ng	#	66
66) n-Nitrosodiphenylamine	10.64	169	66979	11.057	ng		93
67) 4-Bromophenyl-phenylether	11.01	248	19277	9.705	ng	#	86
68) Hexachlorobenzene	11.09	284	18286	8.732	ng	#	93
69) Atrazine	11.17	200	19761	10.669	ng		97
70) Pentachlorophenol	11.30	266	11219	10.040	ng		94
71) Phenanthrene	11.52	178	2965133	307.954	ng		98
72) Anthracene	11.57	178	1292298	133.051	ng		100
73) Carbazole	11.72	167	331466	35.535	ng		100
74) Di-n-butylphthalate	12.02	149	109294	9.992	ng		100
75) Fluoranthene	12.73	202	3339663	345.964	ng		97
77) Benzidine	12.83	184	37577	10.801	ng		97
78) Pyrene	12.96	202	2751581	282.486	ng		98
80) Butylbenzylphthalate	13.53	149	42324	10.095	ng		96
81) Benzo(a)anthracene	14.14	228	1661581	219.747	ng	#	87
82) 3,3'-Dichlorobenzidine	14.09	252	26191	10.340	ng	#	97
83) Chrysene	14.18	228	1185821	164.613	ng		96
84) Bis(2-ethylhexyl)phthalate	14.08	149	61933	11.908	ng		100
85) Di-n-octyl phthalate	14.69	149	107366	14.038	ng		96
86) Indeno(1,2,3-cd)pyrene	17.27	276	516889	99.992	ng		96
88) Benzo(b)fluoranthene	15.23	252	1370558m	212.593	ng		
89) Benzo(k)fluoranthene	15.26	252	541861m	85.061	ng		
90) Benzo(a)pyrene	15.62	252	961920	164.221	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	166490m	33.588	ng		
92) Benzo(g,h,i)perylene	17.75	276	431599	87.757	ng		100

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

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