Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109961.D
Acq On : 18 Oct 2018 15:11
Operator : JU/SJ
Sample : J5575-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1015-S-DH-27MS

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:36 PM

Quant Time: Oct 19 02:54:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241882	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	927261	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	421403	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	734221	20.00	ng		0.00
76) Chrysene-d12	14.16	240	418106	20.00	ng		0.00
87) Perylene-d12	15.69	264	445802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1558343	102.12	ng		0.01
7) Phenol-d6	6.60	99	1980910	104.54	ng		0.00
23) Nitrobenzene-d5	7.55	82	1232849	89.56	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	438951	120.31	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2042950	77.36	ng		0.00
79) Terphenyl-d14	13.10	244	1551819	77.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	184990	21.345	ng		91
3) Pyridine	3.68	79	528902	27.373	ng		89
4) n-Nitrosodimethylamine	3.63	42	257567	32.677	ng		98
6) Aniline	6.64	93	733457	28.724	ng	#	53
8) 2-Chlorophenol	6.76	128	535170	31.310	ng		97
9) Benzaldehyde	6.53	77	332456	27.000	ng		99
10) Phenol	6.62	94	804035	39.302	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	511270	29.890	ng		92
12) 1,3-Dichlorobenzene	6.92	146	572567	30.549	ng		98
13) 1,4-Dichlorobenzene	6.99	146	579496	30.700	ng		99
14) 1,2-Dichlorobenzene	7.15	146	541258	31.139	ng		98
15) Benzyl Alcohol	7.12	79	472772	32.432	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	837960	29.847	ng		68
17) 2-Methylphenol	7.22	107	446291	32.379	ng	#	81
18) Hexachloroethane	7.49	117	214271	32.122	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	367036	30.169	ng		97
20) 3+4-Methylphenols	7.37	107	561520	32.104	ng	#	86
22) Acetophenone	7.39	105	727872	33.848	ng	#	98
24) Nitrobenzene	7.56	77	547169	36.592	ng		92
25) Isophorone	7.80	82	1017663	37.626	ng		95
26) 2-Nitrophenol	7.87	139	275716	44.470	ng		92
27) 2,4-Dimethylphenol	7.90	122	497946	38.222	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	654436	35.257	ng		99
29) 2,4-Dichlorophenol	8.11	162	445951	35.287	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	477218	33.725	ng		95
31) Naphthalene	8.29	128	1522404	35.804	ng		99
32) Benzoic acid	7.96	122	42911	5.287	ng		89
33) 4-Chloroaniline	8.33	127	446971	23.384	ng		97
34) Hexachlorobutadiene	8.39	225	262965	33.701	ng		99
35) Caprolactam	8.69	113	144127m	32.112	ng		
36) 4-Chloro-3-methylphenol	8.80	107	464196	34.818	ng		93
37) 2-Methylnaphthalene	8.97	142	1042229	37.853	ng		98
38) 1-Methylnaphthalene	9.07	142	980440	36.748	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	437483	33.705	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	519422	82.912	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	297651	36.674	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	319448	37.924	ng		96
46) 1,1'-Biphenyl	9.44	154	1225957	32.653	ng		100
47) 2-Chloronaphthalene	9.47	162	941006	34.026	ng		98
48) 2-Nitroaniline	9.56	65	286848	40.417	ng		96
49) Acenaphthylene	9.89	152	1455950	36.239	ng		97
50) Dimethylphthalate	9.74	163	1259497	42.209	ng		99
51) 2,6-Dinitrotoluene	9.80	165	236019	41.644	ng		100
52) Acenaphthene	10.06	154	922546	36.067	ng		98
53) 3-Nitroaniline	9.97	138	208389	30.227	ng		95
54) 2,4-Dinitrophenol	10.07	184	95302	55.816	ng	#	85
55) Dibenzofuran	10.23	168	1271790	34.864	ng		97
56) 4-Nitrophenol	10.13	139	511365	97.210	ng		89
57) 2,4-Dinitrotoluene	10.20	165	306624	43.323	ng	#	89
58) Fluorene	10.57	166	985746	37.122	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.34	232	257739	38.608	ng		96
60) Diethylphthalate	10.44	149	1026178	34.819	ng		97
61) 4-Chlorophenyl-phenylether	10.56	204	467320	33.784	ng		98
62) 4-Nitroaniline	10.59	138	241411	36.992	ng		91
63) Azobenzene	10.72	77	1008227	32.747	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	101110	39.657	ng		89
66) n-Nitrosodiphenylamine	10.68	169	866208	35.422	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	285532	35.884	ng		93
68) Hexachlorobenzene	11.12	284	294697	34.731	ng	#	89
69) Atrazine	11.20	200	274509	35.937	ng		99
70) Pentachlorophenol	11.31	266	266305	55.148	ng		96
71) Phenanthrene	11.54	178	1353453	35.607	ng		100
72) Anthracene	11.59	178	1401200	36.666	ng		100
73) Carbazole	11.74	167	1153691	30.718	ng		100
74) Di-n-butylphthalate	12.06	149	1495526	35.680	ng		99
75) Fluoranthene	12.73	202	1190108	31.341	ng		99
77) Benzidine	12.85	184	650459	40.576	ng		97
78) Pyrene	12.96	202	1144639	37.274	ng		99
80) Butylbenzylphthalate	13.57	149	484204	39.001	ng		95
81) Benzo(a)anthracene	14.14	228	904291	36.719	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	272398	31.550	ng		99
83) Chrysene	14.19	228	848179	36.183	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	674167	41.268	ng		96
85) Di-n-octyl phthalate	14.74	149	1084051	47.068	ng		100
86) Indeno(1,2,3-cd)pyrene	17.25	276	1038447	55.020	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	921338	35.848	ng		97
89) Benzo(k)fluoranthene	15.26	252	844405	33.332	ng		98
90) Benzo(a)pyrene	15.62	252	877187	37.109	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	860860	41.094	ng		98
92) Benzo(g,h,i)perylene	17.73	276	832679	39.341	ng	#	94

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

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