Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016604.D
Acq On : 27 Aug 2018 13:38
Operator : SJ/JU
Sample : J4646-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Manual Integrations APPROVED
Sohil
8/27/2018 5:01:03 PM

Quant Time: Aug 27 15:34:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	94285	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	362998	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	276381	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	887541	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1225367	20.00	ng		0.00
86) Perylene-d12	23.82	264	1297157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	410367	85.29	ng		0.00
7) Phenol-d6	7.19	99	521851	81.96	ng		0.00
23) Nitrobenzene-d5	9.19	82	480557	60.45	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	704159	91.14	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1617380	56.25	ng		0.00
78) Terphenyl-d14	19.97	244	3748992	64.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	53526	20.137	ng	#	100
3) Pyridine	3.80	79	88770	16.051	ng	#	85
4) n-Nitrosodimethylamine	3.72	42	59361	24.093	ng	#	67
6) Aniline	7.34	93	94016	13.196	ng	#	87
8) 2-Chlorophenol	7.56	128	131412	22.953	ng		92
9) Benzaldehyde	7.16	77	83749	18.954	ng	#	70
10) Phenol	7.21	94	138546	22.003	ng	#	80
11) bis(2-Chloroethyl)ether	7.43	93	100482	21.281	ng		93
12) 1,3-Dichlorobenzene	7.89	146	153919	20.277	ng	#	82
13) 1,4-Dichlorobenzene	8.04	146	160159	20.560	ng		95
14) 1,2-Dichlorobenzene	8.35	146	155579	20.329	ng		96
15) Benzyl Alcohol	8.27	79	102598	17.352	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.52	45	68022	20.922	ng	#	24
17) 2-Methylphenol	8.47	107	103840	22.774	ng	#	74
18) Hexachloroethane	9.06	117	86039	23.975	ng	#	46
19) n-Nitroso-di-n-propylamine	8.82	70	105381	21.111	ng	#	85
20) 3+4-Methylphenols	8.80	107	127121	20.164	ng	#	78
22) Acetophenone	8.85	105	200130	22.895	ng	#	99
24) Nitrobenzene	9.24	77	181928	22.903	ng	#	88
25) Isophorone	9.75	82	291125	27.399	ng	#	95
26) 2-Nitrophenol	9.95	139	71490m	21.052	ng		
27) 2,4-Dimethylphenol	10.00	122	115282	26.049	ng	#	74
28) bis(2-Chloroethoxy)methane	10.23	93	146530	23.102	ng		99
29) 2,4-Dichlorophenol	10.48	162	166441	25.129	ng		90
30) 1,2,4-Trichlorobenzene	10.67	180	258333	25.704	ng	#	92
31) Naphthalene	10.86	128	420883	24.336	ng		100
32) Benzoic acid	10.17	122	54737m	14.783	ng		
33) 4-Chloroaniline	11.01	127	90321m	12.409	ng		
34) Hexachlorobutadiene	11.10	225	274309	28.596	ng		98
35) Caprolactam	11.81	113	36301m	22.841	ng		
36) 4-Chloro-3-methylphenol	12.12	107	140288	22.032	ng		93
37) 2-Methylnaphthalene	12.47	142	338791	25.023	ng	#	77
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	415634	26.627	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	395891	61.619	ng		96

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016604.D
Acq On : 27 Aug 2018 13:38
Operator : SJ/JU
Sample : J4646-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Manual Integrations APPROVED
Sohil
8/27/2018 5:01:03 PM

Quant Time: Aug 27 15:34:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	241332	25.855	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	234262	25.693	ng	#	94
45) 1,1'-Biphenyl	13.47	154	491849	20.295	ng		95
46) 2-Chloronaphthalene	13.53	162	403282	20.483	ng		95
47) 2-Nitroaniline	13.76	65	106157	20.243	ng	#	78
48) Acenaphthylene	14.37	152	594908	21.406	ng		99
49) Dimethylphthalate	14.11	163	841435	31.689	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	113903	21.993	ng	#	63
51) Acenaphthene	14.71	154	357980	20.966	ng		97
52) 3-Nitroaniline	14.60	138	60216	12.778	ng		84
53) 2,4-Dinitrophenol	14.83	184	93134	35.934	ng	#	70
54) Dibenzofuran	15.05	168	707705	21.652	ng	#	89
55) 4-Nitrophenol	14.92	139	96994	32.270	ng	#	81
56) 2,4-Dinitrotoluene	15.05	165	173266	20.063	ng	#	77
57) Fluorene	15.69	166	560317	22.693	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	235851	26.913	ng	#	100
59) Diethylphthalate	15.46	149	576282	20.815	ng	#	92
60) 4-Chlorophenyl-phenylether	15.68	204	498796	24.089	ng	#	86
61) 4-Nitroaniline	15.76	138	68861	14.952	ng	#	1
62) Azobenzene	15.97	77	689584	23.385	ng		91
64) 4,6-Dinitro-2-methylphenol	15.82	198	123508	18.314	ng	#	58
65) n-Nitrosodiphenylamine	15.90	169	503033	20.147	ng		94
66) 4-Bromophenyl-phenylether	16.57	248	326207	23.920	ng		100
67) Hexachlorobenzene	16.69	284	354583	22.296	ng		95
68) Atrazine	16.85	200	307580	26.993	ng		92
69) Pentachlorophenol	17.04	266	306942	36.477	ng		92
70) Phenanthrene	17.43	178	1014158	22.108	ng		98
71) Anthracene	17.52	178	1010813	22.190	ng		99
72) Carbazole	17.80	167	738653	18.044	ng		99
73) Di-n-butylphthalate	18.32	149	969128	19.418	ng	#	97
74) Fluoranthene	19.43	202	1562435	23.230	ng		94
76) Benzidine	19.63	184	406262	17.240	ng		98
77) Pyrene	19.79	202	1584385	23.792	ng		99
79) Butylbenzylphthalate	20.66	149	478929	20.835	ng	#	74
80) Benzo(a)anthracene	21.52	228	1724830	23.942	ng		99
81) 3,3'-Dichlorobenzidine	21.45	252	455877	14.216	ng	#	96
82) Chrysene	21.57	228	1576363	22.933	ng		100
83) Bis(2-ethylhexyl)phthalate	21.41	149	667226	19.525	ng	#	93
84) Di-n-octyl phthalate	22.29	149	1090704	19.207	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.13	276	2109330	21.338	ng	#	91
87) Benzo(b)fluoranthene	23.13	252	1884643	25.204	ng	#	90
88) Benzo(k)fluoranthene	23.17	252	1723920	22.659	ng	#	92
89) Benzo(a)pyrene	23.72	252	1747109	24.013	ng	#	93
90) Dibenzo(a,h)anthracene	26.13	278	1736639	21.298	ng	#	86
91) Benzo(g,h,i)perylene	26.84	276	1670720	22.826	ng	#	80

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016604.D
Acq On : 27 Aug 2018 13:38
Operator : SJ/JU
Sample : J4646-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 15:34:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Manual Integrations APPROVED
Sohil
8/27/2018 5:01:03 PM