Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020030.D
Acq On : 23 Apr 2019 06:54
Operator : JU/SJ
Sample : K2472-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 23 09:10:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations APPROVED

Sohil

4/23/2019 4:14:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	99152	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	360998	20.00	ng		-0.01
39) Acenaphthene-d10	14.16	164	187649	20.00	ng		-0.01
64) Phenanthrene-d10	16.93	188	379853	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	360900	20.00	ng		-0.01
87) Perylene-d12	23.34	264	448103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	731339	119.54	ng		-0.01
7) Phenol-d6	6.70	99	859321	93.33	ng		-0.01
23) Nitrobenzene-d5	8.67	82	743490	92.11	ng		-0.01
42) 2,4,6-Tribromophenol	15.68	330	384381	127.25	ng		-0.01
45) 2-Fluorobiphenyl	12.77	172	1414616	93.95	ng		-0.02
79) Terphenyl-d14	19.58	244	1932022	94.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	116787	44.235	ng	#	42
3) Pyridine	3.50	79	240635	32.546	ng		98
4) n-Nitrosodimethylamine	3.42	42	99386	41.727	ng		93
6) Aniline	6.86	93	120311	10.117	ng		98
8) 2-Chlorophenol	7.07	128	289772	38.081	ng		98
9) Benzaldehyde	6.69	77	79760	12.161	ng		93
10) Phenol	6.72	94	301700	29.990	ng		91
11) bis(2-Chloroethyl)ether	6.95	93	278626	37.855	ng		99
12) 1,3-Dichlorobenzene	7.38	146	284490	35.613	ng		97
13) 1,4-Dichlorobenzene	7.53	146	291162	35.923	ng		99
14) 1,2-Dichlorobenzene	7.84	146	283998	35.339	ng		98
15) Benzyl Alcohol	7.77	79	280417	33.500	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	239336	34.111	ng		97
17) 2-Methylphenol	7.96	107	223783	33.611	ng		97
18) Hexachloroethane	8.54	117	107573	34.144	ng		98
19) n-Nitroso-di-n-propylamine	8.31	70	259769	32.095	ng		99
20) 3+4-Methylphenols	8.29	107	283908	31.041	ng		97
22) Acetophenone	8.33	105	447600	45.522	ng	#	98
24) Nitrobenzene	8.72	77	386116	46.174	ng		98
25) Isophorone	9.23	82	625542	39.809	ng		99
26) 2-Nitrophenol	9.42	139	143211	40.188	ng		96
27) 2,4-Dimethylphenol	9.48	122	227683	45.188	ng		97
28) bis(2-Chloroethoxy)methane	9.71	93	359102	40.812	ng		99
29) 2,4-Dichlorophenol	9.96	162	217885	38.076	ng		98
30) 1,2,4-Trichlorobenzene	10.14	180	265091	43.041	ng		98
31) Naphthalene	10.32	128	804767	41.562	ng		99
32) Benzoic acid	9.68	122	15971m	8.083	ng		
33) 4-Chloroaniline	10.51	127	23695	2.971	ng	#	96
34) Hexachlorobutadiene	10.57	225	152006	41.846	ng		99
35) Caprolactam	11.33	113	46781m	21.597	ng		
36) 4-Chloro-3-methylphenol	11.60	107	259874	36.549	ng		98
37) 2-Methylnaphthalene	11.95	142	585865	41.560	ng		98
38) 1-Methylnaphthalene	12.17	142	553155	39.741	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	282915	48.872	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020030.D
Acq On : 23 Apr 2019 06:54
Operator : JU/SJ
Sample : K2472-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 23 09:10:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations APPROVED

Sohil

4/23/2019 4:14:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	155028	76.278	ng		98
43) 2,4,6-Trichlorophenol	12.59	196	182775	46.571	ng		100
44) 2,4,5-Trichlorophenol	12.68	196	176442	43.195	ng		97
46) 1,1'-Biphenyl	12.99	154	753690	46.373	ng		100
47) 2-Chloronaphthalene	13.03	162	581756	46.926	ng		99
48) 2-Nitroaniline	13.28	65	180660	40.429	ng		96
49) Acenaphthylene	13.89	152	911454	42.255	ng		100
50) Dimethylphthalate	13.64	163	724074	43.746	ng		100
51) 2,6-Dinitrotoluene	13.78	165	156409	42.734	ng		87
52) Acenaphthene	14.23	154	534199	44.666	ng		98
53) 3-Nitroaniline	14.14	138	35670	9.760	ng		98
54) 2,4-Dinitrophenol	14.38	184	32306	20.878	ng		92
55) Dibenzofuran	14.57	168	873768	44.677	ng		96
56) 4-Nitrophenol	14.47	139	134354	49.037	ng	#	82
57) 2,4-Dinitrotoluene	14.59	165	211957	40.287	ng		98
58) Fluorene	15.23	166	698602	42.156	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	164657	44.178	ng		100
60) Diethylphthalate	15.01	149	744143	43.228	ng		100
61) 4-Chlorophenyl-phenylether	15.22	204	352391	44.166	ng		95
62) 4-Nitroaniline	15.31	138	105028	29.168	ng		90
63) Azobenzene	15.52	77	814556	44.272	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	46602	19.228	ng		98
66) n-Nitrosodiphenylamine	15.45	169	580807	46.770	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	204025	46.718	ng		97
68) Hexachlorobenzene	16.23	284	241842	46.152	ng		98
69) Atrazine	16.42	200	194724	46.190	ng		98
70) Pentachlorophenol	16.60	266	201354	75.204	ng		99
71) Phenanthrene	16.97	178	1020377	45.266	ng		99
72) Anthracene	17.07	178	1020513	45.480	ng		100
73) Carbazole	17.36	167	897356	42.834	ng		99
74) Di-n-butylphthalate	17.90	149	1183168	43.004	ng		100
75) Fluoranthene	19.01	202	1139395	43.922	ng		99
77) Benzidine	19.25	184	54689	5.492	ng	#	95
78) Pyrene	19.38	202	1174191	49.130	ng		100
80) Butylbenzylphthalate	20.29	149	551262	47.576	ng		97
81) Benzo(a)anthracene	21.14	228	1099255	48.082	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	159657	18.770	ng		99
83) Chrysene	21.19	228	1111853	50.712	ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	822489	47.680	ng		98
85) Di-n-octyl phthalate	21.91	149	1430705	51.114	ng		100
86) Indeno(1,2,3-cd)pyrene	25.53	276	1812765	84.049	ng		99
88) Benzo(b)fluoranthene	22.69	252	1280311	43.029	ng		100
89) Benzo(k)fluoranthene	22.73	252	1328117	47.412	ng		99
90) Benzo(a)pyrene	23.24	252	1266545	48.040	ng		98
91) Dibenzo(a,h)anthracene	25.53	278	1534747	60.379	ng		99
92) Benzo(g,h,i)perylene	26.20	276	1435987	62.373	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020030.D
Acq On : 23 Apr 2019 06:54
Operator : JU/SJ
Sample : K2472-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 23 09:10:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations APPROVED

Sohil