Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016556.D
Acq On : 23 Aug 2018 15:05
Operator : SJ/JU
Sample : J4276-04MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:30 PM

Quant Time: Aug 23 16:18:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	131571	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	517936	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	407644	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1305940	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1698538	20.00	ng	0.00
86) Perylene-d12	23.82	264	1630256	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	883375	131.57	ng	0.00
7) Phenol-d6	7.19	99	1007512	113.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	1214243	107.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2289797	200.94	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5058927	119.29	ng	0.00
78) Terphenyl-d14	19.99	244	10790661	134.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	133117	35.887	ng	# 100
3) Pyridine	3.83	79	222546	28.836	ng	# 83
4) n-Nitrosodimethylamine	3.74	42	171303	49.824	ng	# 68
6) Aniline	7.36	93	132890	13.366	ng	# 87
8) 2-Chlorophenol	7.57	128	363560	45.506	ng	96
9) Benzaldehyde	7.17	77	171854	27.871	ng	# 78
10) Phenol	7.22	94	306651	34.900	ng	89
11) bis(2-Chloroethyl)ether	7.45	93	269773	40.944	ng	97
12) 1,3-Dichlorobenzene	7.90	146	439029	41.447	ng	# 83
13) 1,4-Dichlorobenzene	8.05	146	441293	40.595	ng	# 92
14) 1,2-Dichlorobenzene	8.36	146	462975	43.351	ng	97
15) Benzyl Alcohol	8.27	79	344452	41.748	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.53	45	182512	40.228	ng	# 48
17) 2-Methylphenol	8.47	107	266408	41.870	ng	# 75
18) Hexachloroethane	9.07	117	237569	47.438	ng	# 45
19) n-Nitroso-di-n-propylamine	8.83	70	302808	43.470	ng	# 86
20) 3+4-Methylphenols	8.80	107	366657	41.677	ng	# 79
22) Acetophenone	8.86	105	593343	47.574	ng	# 98
24) Nitrobenzene	9.25	77	538766	47.536	ng	92
25) Isophorone	9.76	82	832458	54.909	ng	# 96
26) 2-Nitrophenol	9.95	139	223888m	46.207	ng	
27) 2,4-Dimethylphenol	10.00	122	337396	53.433	ng	# 68
28) bis(2-Chloroethoxy)methane	10.23	93	438392	48.441	ng	99
29) 2,4-Dichlorophenol	10.48	162	524426	55.492	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	809505	56.451	ng	# 93
31) Naphthalene	10.87	128	1237896	50.165	ng	98
32) Benzoic acid	10.21	122	133459m	25.261	ng	
33) 4-Chloroaniline	11.02	127	70732	6.811	ng	# 88
34) Hexachlorobutadiene	11.12	225	810912	59.247	ng	97
35) Caprolactam	11.83	113	67567m	29.796	ng	
36) 4-Chloro-3-methylphenol	12.13	107	439578	48.383	ng	88
37) 2-Methylnaphthalene	12.47	142	1104106	57.154	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1289568	56.013	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1432778	116.445	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016556.D
Acq On : 23 Aug 2018 15:05
Operator : SJ/JU
Sample : J4276-04MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:30 PM

Quant Time: Aug 23 16:18:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	764922	55.561 ng		99
43) 2,4,5-Trichlorophenol	13.17	196	780852m	58.064 ng		
45) 1,1'-Biphenyl	13.49	154	1647658	46.096 ng		98
46) 2-Chloronaphthalene	13.54	162	1367245	47.082 ng		100
47) 2-Nitroaniline	13.77	65	322100	41.642 ng		87
48) Acenaphthylene	14.38	152	2047174	49.941 ng		97
49) Dimethylphthalate	14.12	163	1956943	49.968 ng	#	96
50) 2,6-Dinitrotoluene	14.26	165	378516	49.551 ng	#	79
51) Acenaphthene	14.72	154	1216959	48.324 ng		93
52) 3-Nitroaniline	14.60	138	106104	15.266 ng	#	74
53) 2,4-Dinitrophenol	14.83	184	126940	33.206 ng	#	70
54) Dibenzofuran	15.06	168	2603664	54.008 ng		96
55) 4-Nitrophenol	14.92	139	310119	69.954 ng	#	79
56) 2,4-Dinitrotoluene	15.06	165	655767	51.482 ng	#	95
57) Fluorene	15.70	166	2088131	57.337 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	744265	57.581 ng	#	100
59) Diethylphthalate	15.47	149	1915924	46.919 ng	#	94
60) 4-Chlorophenyl-phenylether	15.69	204	1699189	55.636 ng	#	86
61) 4-Nitroaniline	15.77	138	243897	35.905 ng	#	1
62) Azobenzene	15.99	77	2115874	48.647 ng		88
64) 4,6-Dinitro-2-methylphenol	15.83	198	221059	22.278 ng	#	55
65) n-Nitrosodiphenylamine	15.92	169	1755291	47.777 ng		98
66) 4-Bromophenyl-phenylether	16.58	248	1068637	53.256 ng		97
67) Hexachlorobenzene	16.70	284	1204688	51.480 ng		93
68) Atrazine	16.86	200	999924	59.638 ng		90
69) Pentachlorophenol	17.05	266	861639	69.590 ng		98
70) Phenanthrene	17.44	178	3613177	53.530 ng		99
71) Anthracene	17.53	178	3695125	55.130 ng		99
72) Carbazole	17.81	167	2592887	43.047 ng		99
73) Di-n-butylphthalate	18.33	149	3228538	43.965 ng	#	96
74) Fluoranthene	19.44	202	5155459	52.092 ng		94
76) Benzidine	19.63	184	1821594	55.766 ng		99
77) Pyrene	19.80	202	5212153	56.464 ng		100
79) Butylbenzylphthalate	20.66	149	1478248	46.394 ng	#	75
80) Benzo(a)anthracene	21.53	228	5335694	53.432 ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	903945	20.336 ng	#	97
82) Chrysene	21.57	228	4892794	51.352 ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2125977	44.882 ng	#	98
84) Di-n-octyl phthalate	22.30	149	3440641	43.709 ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.14	276	6218337	45.382 ng	#	92
87) Benzo(b)fluoranthene	23.14	252	5336225	56.782 ng	#	90
88) Benzo(k)fluoranthene	23.18	252	5266000	55.072 ng	#	93
89) Benzo(a)pyrene	23.73	252	5069943	55.445 ng	#	94
90) Dibenzo(a,h)anthracene	26.14	278	5225789	50.994 ng	#	88
91) Benzo(g,h,i)perylene	26.86	276	4699780	51.091 ng	#	80

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016556.D
Acq On : 23 Aug 2018 15:05
Operator : SJ/JU
Sample : J4276-04MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 23 16:18:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:30 PM