Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016503.D
Acq On : 22 Aug 2018 02:55
Operator : SJ/JU
Sample : J4539-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:05 PM

Quant Time: Aug 22 04:13:40 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	213061	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	709945	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	558478	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1647283	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1937946	20.00	ng		0.00
86) Perylene-d12	23.83	264	1803133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1499409	137.91	ng		0.01
7) Phenol-d6	7.20	99	1710498	118.89	ng		0.00
23) Nitrobenzene-d5	9.21	82	1736693	111.69	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	3076992	197.09	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	7123245	122.60	ng		0.00
78) Terphenyl-d14	19.99	244	11551777	126.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	224008	37.293	ng	#	100
3) Pyridine	3.83	79	405549	32.450	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	259531	46.614	ng	#	69
6) Aniline	7.36	93	321761	19.985	ng		93
8) 2-Chlorophenol	7.59	128	608501	47.033	ng		95
9) Benzaldehyde	7.18	77	180701	18.097	ng	#	81
10) Phenol	7.23	94	540509	37.987	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	456449	42.780	ng		99
12) 1,3-Dichlorobenzene	7.90	146	752184	43.851	ng	#	90
13) 1,4-Dichlorobenzene	8.06	146	771542	43.829	ng		99
14) 1,2-Dichlorobenzene	8.37	146	764646	44.214	ng		98
15) Benzyl Alcohol	8.29	79	548274	41.035	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.55	45	287092	39.077	ng	#	44
17) 2-Methylphenol	8.48	107	450648	43.737	ng	#	78
18) Hexachloroethane	9.08	117	348846	43.016	ng	#	42
19) n-Nitroso-di-n-propylamine	8.85	70	482456	42.770	ng	#	81
20) 3+4-Methylphenols	8.82	107	595534	41.803	ng	#	83
22) Acetophenone	8.87	105	938049	54.871	ng	#	94
24) Nitrobenzene	9.25	77	784358	50.488	ng		95
25) Isophorone	9.77	82	1274234	61.317	ng	#	96
26) 2-Nitrophenol	9.96	139	360016	54.206	ng	#	55
27) 2,4-Dimethylphenol	10.01	122	538008	62.159	ng	#	73
28) bis(2-Chloroethoxy)methane	10.25	93	705904	56.904	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	852976	65.847	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	1272571	64.742	ng	#	94
31) Naphthalene	10.88	128	1904562	56.307	ng		99
32) Benzoic acid	10.25	122	333797	46.093	ng	#	75
33) 4-Chloroaniline	11.02	127	182091	12.792	ng	#	90
34) Hexachlorobutadiene	11.13	225	1150653	61.333	ng		99
35) Caprolactam	11.84	113	113967m	36.665	ng		
36) 4-Chloro-3-methylphenol	12.14	107	652723	52.413	ng		96
37) 2-Methylnaphthalene	12.49	142	1722738	65.059	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1827876	57.952	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	2148079	123.837	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016503.D
Acq On : 22 Aug 2018 02:55
Operator : SJ/JU
Sample : J4539-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:05 PM

Quant Time: Aug 22 04:13:40 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	1147121	60.818	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	1154236m	62.648	ng		
45) 1,1'-Biphenyl	13.49	154	2551336	52.100	ng		97
46) 2-Chloronaphthalene	13.55	162	2116219	53.192	ng		99
47) 2-Nitroaniline	13.77	65	458176	43.237	ng		92
48) Acenaphthylene	14.39	152	3174208	56.522	ng		99
49) Dimethylphthalate	14.13	163	2897630	54.005	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	575652	55.006	ng	#	91
51) Acenaphthene	14.73	154	1855441	53.778	ng		97
52) 3-Nitroaniline	14.60	138	216909	22.779	ng	#	74
53) 2,4-Dinitrophenol	14.83	184	782093	149.333	ng	#	70
54) Dibenzofuran	15.06	168	3873816	58.652	ng		98
55) 4-Nitrophenol	14.92	139	511190	84.167	ng	#	82
56) 2,4-Dinitrotoluene	15.06	165	959229	54.967	ng	#	90
57) Fluorene	15.71	166	3097331	62.078	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	1087256	61.399	ng	#	100
59) Diethylphthalate	15.48	149	2694833	48.170	ng	#	93
60) 4-Chlorophenyl-phenylether	15.70	204	2364995	56.522	ng	#	86
61) 4-Nitroaniline	15.77	138	359495	38.629	ng	#	1
62) Azobenzene	15.99	77	2690593	45.154	ng		88
64) 4,6-Dinitro-2-methylphenol	15.83	198	620746	49.594	ng	#	54
65) n-Nitrosodiphenylamine	15.92	169	2572820	55.519	ng		100
66) 4-Bromophenyl-phenylether	16.59	248	1446447	57.147	ng		100
67) Hexachlorobenzene	16.71	284	1660071	56.240	ng		96
68) Atrazine	16.87	200	1297720	61.361	ng		91
69) Pentachlorophenol	17.06	266	1591813	101.923	ng		98
70) Phenanthrene	17.45	178	5096444	59.859	ng		99
71) Anthracene	17.54	178	5221319	61.758	ng		100
72) Carbazole	17.82	167	3698637	48.680	ng		98
73) Di-n-butylphthalate	18.34	149	4504154	48.626	ng	#	96
74) Fluoranthene	19.45	202	6952568	55.694	ng		94
76) Benzidine	19.63	184	1635661	43.888	ng		99
77) Pyrene	19.80	202	6944780	65.940	ng		100
79) Butylbenzylphthalate	20.67	149	1934391	53.210	ng	#	81
80) Benzo(a)anthracene	21.53	228	6683343	58.659	ng		98
81) 3,3'-Dichlorobenzidine	21.46	252	1530994	30.188	ng	#	95
82) Chrysene	21.58	228	6092424	56.043	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2751883	50.919	ng	#	98
84) Di-n-octyl phthalate	22.31	149	4425724	49.278	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	7587669	48.535	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	6709128	64.547	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	6301309	59.581	ng	#	93
89) Benzo(a)pyrene	23.74	252	6167960	60.986	ng	#	94
90) Dibenzo(a,h)anthracene	26.16	278	6461833	57.010	ng	#	87
91) Benzo(g,h,i)perylene	26.87	276	5826038	57.262	ng	#	81

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016503.D
Acq On : 22 Aug 2018 02:55
Operator : SJ/JU
Sample : J4539-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 22 04:13:40 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 :
MS-RO-27186MSD

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:05 PM