Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020519.D
Acq On : 23 May 2019 17:08
Operator : JU/SJ
Sample : K2966-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:37 PM

Quant Time: May 24 03:08:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	56806	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	194088	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	118661	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	293096	20.00	ng		0.00
76) Chrysene-d12	21.28	240	310297	20.00	ng		0.00
87) Perylene-d12	23.53	264	350826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	404885	116.51	ng		0.00
7) Phenol-d6	6.85	99	542579	114.28	ng		0.00
23) Nitrobenzene-d5	8.84	82	352831	71.77	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	243644	132.28	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	686433	71.17	ng		0.00
79) Terphenyl-d14	19.72	244	1231418	69.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	52273	30.669	ng	#	82
3) Pyridine	3.58	79	107690	24.704	ng		89
4) n-Nitrosodimethylamine	3.50	42	39537	28.284	ng	#	39
6) Aniline	7.01	93	103696	17.351	ng		95
8) 2-Chlorophenol	7.23	128	139282	36.808	ng		95
9) Benzaldehyde	6.83	77	99187	27.603	ng		91
10) Phenol	6.87	94	197380	38.619	ng		87
11) bis(2-Chloroethyl)ether	7.10	93	134945	36.326	ng		95
12) 1,3-Dichlorobenzene	7.55	146	152586	34.658	ng		94
13) 1,4-Dichlorobenzene	7.70	146	158618	35.664	ng		97
14) 1,2-Dichlorobenzene	8.02	146	150491	35.516	ng		98
15) Benzyl Alcohol	7.92	79	132442	28.930	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	87476	28.399	ng		92
17) 2-Methylphenol	8.12	107	116451	35.394	ng		94
18) Hexachloroethane	8.73	117	59453	32.059	ng		90
19) n-Nitroso-di-n-propylamine	8.48	70	120035	29.552	ng	#	94
20) 3+4-Methylphenols	8.45	107	152242	34.816	ng		94
22) Acetophenone	8.50	105	210267	39.640	ng	#	94
24) Nitrobenzene	8.89	77	185153	36.325	ng		95
25) Isophorone	9.40	82	308400	36.378	ng		99
26) 2-Nitrophenol	9.59	139	66135	42.977	ng		92
27) 2,4-Dimethylphenol	9.65	122	110221	43.023	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	167907	36.365	ng		99
29) 2,4-Dichlorophenol	10.12	162	133754	41.403	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	161789	40.702	ng		96
31) Naphthalene	10.51	128	382642	37.991	ng		99
32) Benzoic acid	9.78	122	57565m	33.842	ng		
33) 4-Chloroaniline	10.65	127	40814	9.845	ng		94
34) Hexachlorobutadiene	10.77	225	111952	39.813	ng		98
35) Caprolactam	11.45	113	30528	31.604	ng		96
36) 4-Chloro-3-methylphenol	11.77	107	133897	35.270	ng		94
37) 2-Methylnaphthalene	12.13	142	274992	37.451	ng		98
38) 1-Methylnaphthalene	12.35	142	261833	36.466	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	200306	43.146	ng	#	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020519.D
Acq On : 23 May 2019 17:08
Operator : JU/SJ
Sample : K2966-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:37 PM

Quant Time: May 24 03:08:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	168013	61.464	ng		99
43) 2,4,6-Trichlorophenol	12.75	196	120190	45.553	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	127812	43.363	ng		94
46) 1,1'-Biphenyl	13.16	154	369101	37.791	ng		97
47) 2-Chloronaphthalene	13.20	162	300251	38.503	ng		96
48) 2-Nitroaniline	13.43	65	81071	29.202	ng		95
49) Acenaphthylene	14.05	152	449893	36.049	ng		100
50) Dimethylphthalate	13.79	163	482858	47.878	ng		98
51) 2,6-Dinitrotoluene	13.93	165	78326	36.874	ng		90
52) Acenaphthene	14.39	154	262594	36.692	ng		99
53) 3-Nitroaniline	14.26	138	30437	15.439	ng		94
54) 2,4-Dinitrophenol	14.48	184	79364	75.164	ng		87
55) Dibenzofuran	14.73	168	459765	38.086	ng		97
56) 4-Nitrophenol	14.57	139	110941	65.954	ng		89
57) 2,4-Dinitrotoluene	14.72	165	111142	38.506	ng		98
58) Fluorene	15.39	166	362891	36.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	124500	44.448	ng	#	92
60) Diethylphthalate	15.16	149	353919	34.832	ng		97
61) 4-Chlorophenyl-phenylether	15.37	204	223813	39.843	ng		91
62) 4-Nitroaniline	15.43	138	56860m	26.134	ng		
63) Azobenzene	15.67	77	385315	32.145	ng		94
65) 4,6-Dinitro-2-methylphenol	15.49	198	58268	40.684	ng		93
66) n-Nitrosodiphenylamine	15.60	169	316642	36.714	ng		97
67) 4-Bromophenyl-phenylether	16.27	248	142337	39.603	ng	#	91
68) Hexachlorobenzene	16.38	284	166167	40.177	ng		94
69) Atrazine	16.56	200	118959	35.295	ng		94
70) Pentachlorophenol	16.73	266	186822	78.948	ng		98
71) Phenanthrene	17.13	178	591339	36.549	ng		99
72) Anthracene	17.22	178	585597	36.201	ng		99
73) Carbazole	17.50	167	509268	34.891	ng		98
74) Di-n-butylphthalate	18.04	149	574834	32.725	ng		98
75) Fluoranthene	19.15	202	750463	36.660	ng		97
77) Benzidine	19.35	184	129257	13.029	ng		99
78) Pyrene	19.52	202	762841	36.617	ng		99
80) Butylbenzylphthalate	20.42	149	252028	33.267	ng		94
81) Benzo(a)anthracene	21.26	228	759822	34.917	ng		100
82) 3,3'-Dichlorobenzidine	21.20	252	153452	18.476	ng		99
83) Chrysene	21.32	228	767512	36.367	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	386950	32.915	ng		97
85) Di-n-octyl phthalate	22.06	149	681332	34.870	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.81	276	997207	39.724	ng	#	100
88) Benzo(b)fluoranthene	22.85	252	850714m	36.721	ng		
89) Benzo(k)fluoranthene	22.89	252	791799m	37.469	ng		
90) Benzo(a)pyrene	23.43	252	793059	37.688	ng		98
91) Dibenzo(a,h)anthracene	25.81	278	850162	38.849	ng	#	97
92) Benzo(g,h,i)perylene	26.51	276	832102	40.050	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020519.D
Acq On : 23 May 2019 17:08
Operator : JU/SJ
Sample : K2966-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 03:08:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:37 PM