Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020577.D
Acq On : 28 May 2019 12:38
Operator : JU/SJ
Sample : K2641-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-051719MS

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:12 PM

Quant Time: May 28 15:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	56392	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	187748	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	122124	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	308880	20.00	ng		0.00
76) Chrysene-d12	21.26	240	363045	20.00	ng		-0.01
87) Perylene-d12	23.50	264	403505	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	412856	143.63	ng		0.00
7) Phenol-d6	6.83	99	490836	113.13	ng		-0.01
23) Nitrobenzene-d5	8.83	82	406704	90.92	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	326806	133.57	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	859947	88.36	ng		-0.01
79) Terphenyl-d14	19.70	244	1816540	90.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	65080	43.266	ng	#	78
3) Pyridine	3.59	79	105063	24.202	ng		98
4) n-Nitrosodimethylamine	3.50	42	46266	43.372	ng	#	96
6) Aniline	7.00	93	56393	8.986	ng		98
8) 2-Chlorophenol	7.22	128	145367	41.357	ng		98
9) Benzaldehyde	6.86	77	11089m	4.003	ng		
10) Phenol	6.86	94	163469	34.892	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	140095	40.071	ng		99
12) 1,3-Dichlorobenzene	7.54	146	158172	35.138	ng		99
13) 1,4-Dichlorobenzene	7.69	146	156031	34.678	ng		98
14) 1,2-Dichlorobenzene	8.00	146	159721	35.409	ng		97
15) Benzyl Alcohol	7.91	79	132250	32.941	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	90564	37.166	ng		98
17) 2-Methylphenol	8.10	107	108016	34.923	ng		97
18) Hexachloroethane	8.71	117	63470	34.823	ng		93
19) n-Nitroso-di-n-propylamine	8.46	70	134662	34.955	ng		98
20) 3+4-Methylphenols	8.43	107	130851	31.546	ng		99
22) Acetophenone	8.49	105	223001	43.134	ng	#	100
24) Nitrobenzene	8.87	77	195345	44.220	ng		95
25) Isophorone	9.38	82	357083	42.902	ng		99
26) 2-Nitrophenol	9.57	139	65531	40.203	ng		93
27) 2,4-Dimethylphenol	9.63	122	109124	44.941	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	169442	39.108	ng		99
29) 2,4-Dichlorophenol	10.10	162	124224	38.466	ng		97
30) 1,2,4-Trichlorobenzene	10.30	180	180786	40.942	ng		98
31) Naphthalene	10.49	128	405001	41.778	ng		99
32) Benzoic acid	9.78	122	22839	21.201	ng		93
33) 4-Chloroaniline	10.66	127	15087m	3.899	ng		
34) Hexachlorobutadiene	10.75	225	138921	42.315	ng		98
35) Caprolactam	11.45	113	30129m	28.347	ng		
36) 4-Chloro-3-methylphenol	11.75	107	132920	37.822	ng		96
37) 2-Methylnaphthalene	12.11	142	298689	40.331	ng		98
38) 1-Methylnaphthalene	12.33	142	293591	40.915	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	244056	47.539	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020577.D
Acq On : 28 May 2019 12:38
Operator : JU/SJ
Sample : K2641-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-051719MS

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:12 PM

Quant Time: May 28 15:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	216879	85.530	ng		99
43) 2,4,6-Trichlorophenol	12.74	196	132603	41.738	ng		100
44) 2,4,5-Trichlorophenol	12.82	196	128884	43.442	ng		99
46) 1,1'-Biphenyl	13.14	154	421228	44.785	ng		99
47) 2-Chloronaphthalene	13.19	162	340651	42.724	ng		99
48) 2-Nitroaniline	13.42	65	78996	33.471	ng		91
49) Acenaphthylene	14.03	152	521830	43.037	ng		99
50) Dimethylphthalate	13.77	163	448888	41.498	ng		98
51) 2,6-Dinitrotoluene	13.91	165	94432	41.885	ng		94
52) Acenaphthene	14.37	154	310097	42.439	ng		99
53) 3-Nitroaniline	14.27	138	22223	15.349	ng		93
54) 2,4-Dinitrophenol	14.47	184	92640	65.402	ng		98
55) Dibenzofuran	14.72	168	552774	43.717	ng		99
56) 4-Nitrophenol	14.57	139	73836	52.895	ng		99
57) 2,4-Dinitrotoluene	14.71	165	128956	39.609	ng	#	86
58) Fluorene	15.37	166	435999	41.510	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	148293	42.957	ng		98
60) Diethylphthalate	15.14	149	442779	41.545	ng		98
61) 4-Chlorophenyl-phenylether	15.36	204	283909	42.339	ng		98
62) 4-Nitroaniline	15.43	138	42752	22.559	ng		99
63) Azobenzene	15.66	77	446829	43.086	ng		97
65) 4,6-Dinitro-2-methylphenol	15.47	198	74313	39.301	ng		99
66) n-Nitrosodiphenylamine	15.58	169	378229	45.161	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	183126	44.504	ng		97
68) Hexachlorobenzene	16.36	284	217968	43.690	ng		99
69) Atrazine	16.54	200	125538	36.432	ng		99
70) Pentachlorophenol	16.72	266	240240	93.225	ng		99
71) Phenanthrene	17.11	178	725704	43.248	ng		99
72) Anthracene	17.20	178	687685	42.260	ng		99
73) Carbazole	17.49	167	556173	39.826	ng		99
74) Di-n-butylphthalate	18.03	149	740767	43.120	ng		99
75) Fluoranthene	19.13	202	980911	42.037	ng		99
77) Benzidine	19.37	184	44006m	6.596	ng		
78) Pyrene	19.50	202	1003178	44.014	ng		99
80) Butylbenzylphthalate	20.40	149	348094	43.467	ng		100
81) Benzo(a)anthracene	21.25	228	1051543	41.850	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	192807	21.023	ng		98
83) Chrysene	21.30	228	1053513	43.391	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	528055	45.242	ng		100
85) Di-n-octyl phthalate	22.04	149	942906	46.469	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1408537	47.980	ng		100
88) Benzo(b)fluoranthene	22.83	252	1156449	43.788	ng		99
89) Benzo(k)fluoranthene	22.87	252	1177260	45.929	ng		99
90) Benzo(a)pyrene	23.41	252	1120325	46.098	ng		99
91) Dibenzo(a,h)anthracene	25.78	278	1206990	48.518	ng		99
92) Benzo(g,h,i)perylene	26.47	276	1156165	50.135	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020577.D
Acq On : 28 May 2019 12:38
Operator : JU/SJ
Sample : K2641-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 28 15:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CL-02-051719MS

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:12 PM